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Salinity and temperature monitoring system data for the lower Rappahannock river estuary, 1972-1974

G. C. Parker
Virginia Institute of Marine Science

C. S. Fang
Virginia Institute of Marine Science

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**SALINITY AND TEMPERATURE MONITORING SYSTEM
DATA FOR THE LOWER RAPPAHANNOCK RIVER ESTUARY
1972-1974**

by
G.C. Parker
and
C.S. Fang

Data Report #13

Virginia Institute of Marine Science
Gloucester Point, Virginia 23062

William J. Hargis, Jr.
Director

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INTRODUCTION

The Virginia Institute of Marine Science (VIMS) installed two remote monitoring stations in the lower reaches of the Rappahannock River to obtain continuous temperature and salinity measurements near the surface and the bottom. The first station was installed at the base of a concrete support of the Rappahannock River (Norris) Bridge, near the mouth of the river (Figure 1). The second station was installed on the base of Navigation Aid Tower Number 9 just off of Smokey Point, roughly 11 nautical miles upstream from the Norris Bridge.

Each station consisted of two salinity and temperature probes, one located 6 feet below the water surface, and the other located 6 feet above the bottom. Salinity and temperature measurements were taken every 30 minutes, and the data recorded on magnetic tape. The tapes were changed periodically, and the recorded data tape returned to VIMS for data reduction.

The two stations were installed during the spring of 1972. During the spring and summer of 1972 the stations were plagued with numerous problems. One probe and both recorders were found to have internal problems and were returned to the manufacturer. The bridge station was modified to use A.C. power to increase reliability.

Fouling of the probes by marine growth was a major cause of station failure during the early stages of the monitoring program. A test of a probe painted with an anti-fouling paint was conducted at VIMS during October 1972. Paint was not applied to the probe head because of the possibility that

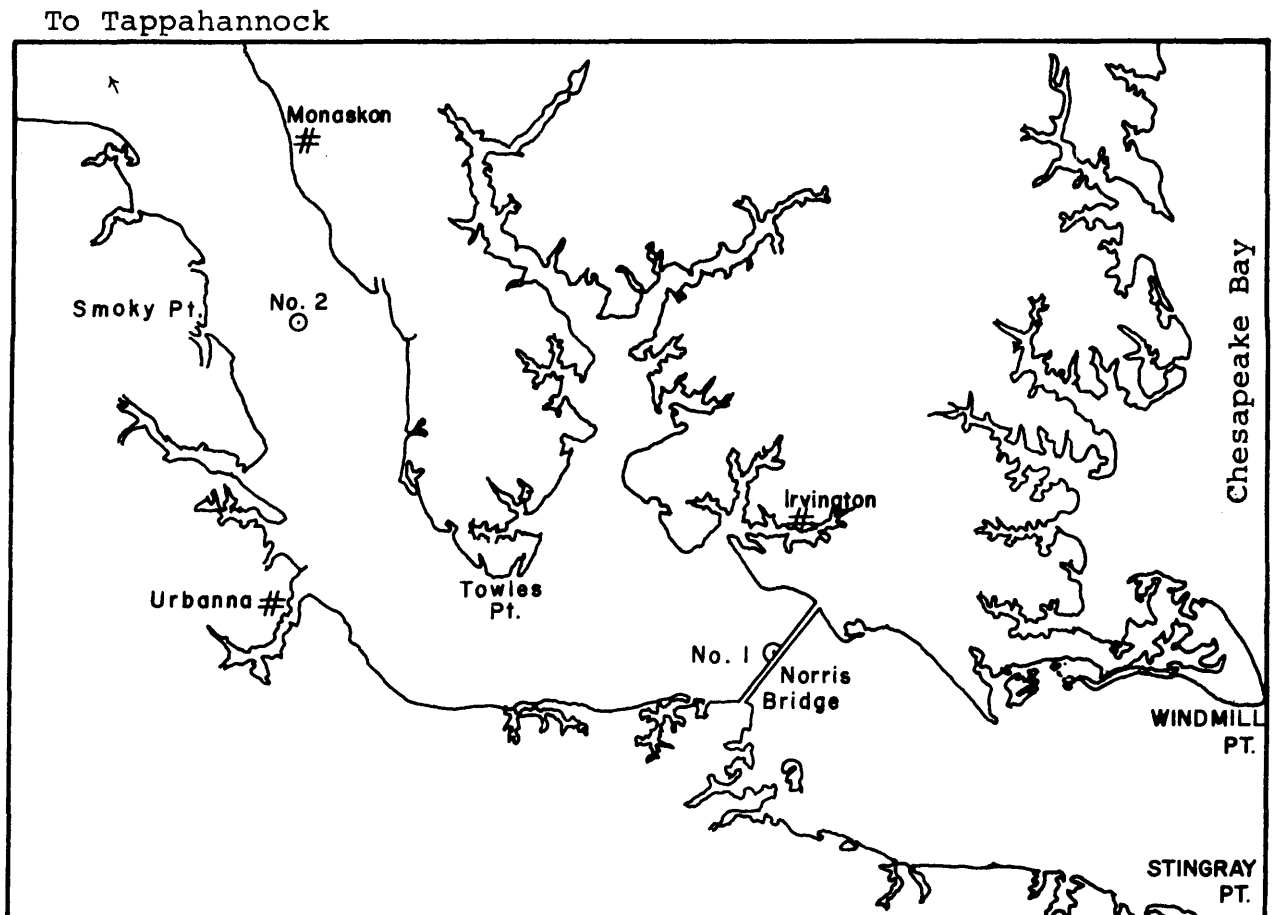


Fig. 1 Locations of Monitoring Stations on
Rappahannock River, Virginia.

the metal in the paint would affect the conductivity measurements. The results of the test indicated that anti-fouling the paint tended to flake off the probe and that conductivity measurements were affected by the release of metal ions from the paint into the immediate surrounding water.

The fouling problem was eliminated by cleaning the probes once a week, during the regular servicing at each station. The minor fouling that occurred during a one week period in the summer months did not affect conductivity measurements.

After the initial start up problems were solved, the monitoring stations were deployed in early spring and removed in late fall. The monitoring stations were not deployed during the winter months because air and water temperatures approached or fell below the lower limits of the operational temperature range of the instruments. Regular servicing of the stations would also have been difficult during the winter months, due to foul weather. Winter down time was used for servicing, modification, and calibration of the components. Table 1 summarizes the data obtained from the two monitoring stations during the years 1972 through 1974 which are presented in Appendix B of this report. This data has been compared to grab samples obtained during servicing of the stations, slack water runs made by the Department of Physical Oceanography and Hydraulics, and surveys by the Department of Environmental Physiology. The temperature and salinity data presented in Appendix B are accurate to $\pm 1^{\circ}\text{F}$ and ± 1 ppt. or better, respectively. The gaps in the data from 1972 and 1974 were

due to battery failures, marine fouling, probe and/or recorder failures, and probe and/or recorder removal for repairs. For the periods where monitoring system data were not available, but data from the above mentioned sources were available, these data are presented in Appendix C.

Monitoring programs which require instrumentation such as used in this project can reduce the amount of data gaps by maintaining a complete back up system. This system could be deployed on occasions when the regular system has failed and has to be removed from the field for repair.

Immediate data reduction of field tapes also helps to avoid gaps in the data. If the field tapes can be quickly reduced and compared to grab samples, any malfunctions of the system can be spotted and corrected with a minimal amount of lost data.

Table 1. Monitoring System Data
Lower Rappahannock Estuary

Location	Year	Month	Days	Top Temp.	Top Sal.	Bottom Temp.	Bottom Sal.
Norris Bridge	1972	Sept	22-29	*	*	*	*
		Oct.	2-15	*	*	*	*
		Dec.	4-5	*	*	*	*
		Dec.	6-7			*	*
		Dec.	12-29			*	*
	1973	Apr.	7-22	*	*	*	*
		Apr.	23-30		*	*	*
		July	9-12	*	*	*	*
		Oct.	5		*		*
		Oct.	6		*		*
		Oct.	16-31	*	*	*	*
		Nov.	1-5	*	*	*	*
		Nov.	21-30	*	*	*	*
		Dec.	1-2	*	*	*	*
	1974	Apr.	12-17	*	*	*	*
		May	6-19			*	*
		May	29-31	*	*	*	
		June	1-12	*	*	*	*
		June	18-30	*	*	*	*
		July	1	*	*	*	*
		July	2-7	*	*		*
		July	8-10		*		*
		July	11-15		*	*	*
		July	16-31	*	*	*	*

Table 1. Monitoring System Data
Lower Rappahannock Estuary
(continued)

Location	Year	Month	Days	Top Temp.	Top Sal.	Bottom Temp.	Bottom Sal.
Norris Bridge (continued)	1974	Aug.	1-10	*	*	*	*
		Aug.	11-18	*	*		
		Aug.	19-31	*	*	*	*
		Sept.	1-4	*	*	*	*
		Sept.	10-23	*		*	
		Oct.	2-18	*			
Smokey Point	1972	Oct.	30-31	*	*		
		Nov.	1-26	*	*	*	*
		Dec.	4-8	*	*	*	*
		Dec.	12-17	*	*	*	*
		Dec.	19-31	*	*	*	*
	1973	Jan.	1-7	*	*	*	*
		Jan.	8-9			*	*
		Jan.	10				*
		Apr.	6-19	*	*	*	*
		Apr.	20-23	*	*		*
		Apr.	24-25	*	*	*	*
		Apr.	26	*	*		*
		May	2-10	*	*		
		May	11-13	*	*		
		May	22-28	*	*		
		June	3-4	*	*		
		July	9-19	*	*	*	*

Table 1. Monitoring System Data
Lower Rappahannock Estuary
(continued)

Location	Year	Month	Days	Top Temp.	Top Sal.	Bottom Temp.	Bottom Sal.
Smokey Point (continued)	1974	Apr.	24-30	*	*	*	
		May	1-4	*	*	*	
		May	5		*	*	
		May	6-13	*	*	*	
		May	14-19			*	*
		June	5-7	*	*	*	*
		June	8-10	*	*		
		June	11	*	*	*	*
		June	19-30	*	*	*	*
		July	2-4	*	*	*	*
		July	19-30	*	*	*	*
		Aug.	6-31	*	*	*	*
		Sept.	1-10	*	*	*	*

INSTRUMENTATIONStation Hardware

Each station was equipped with two Interocean CSTD probes for sensing temperature and conductivity, a Braincon type 710 data acquisition system (DAS) to store the sensors' output, and the associated cable bundles. Power was provided by two twelve volt D. C. and two 6 volt D. C. batteries. The station located at the Norris Bridge operated on A. C. voltage supplied by means of a 3000 foot power cord fabricated and installed by VIMS. Its D. C. batteries were a safety backup system and functioned only in the event of a VEPCO power failure.

At the Norris Bridge station the CSTD probes were attached to trolleys and lowered to the desired depths below the water on trolley tracks. (See figure 2) These tracks were clamped to a television antenna tower which was tied at its top to the bridge superstructure and at its bottom to 150 pound weights. The antenna tower was further secured by steel cables strung around its middle and a concrete piling of the bridge. The station at Smokey Point was located on navigation tower #9. The trolley tracks here were attached to 2 x 4's and these were clamped to the legs of tower #9 with stainless steel bands.

At both stations the Braincon 710 DAS was protected inside a chain secured insulated chest. The four D. C. batteries were contained in a specially constructed wooden box.

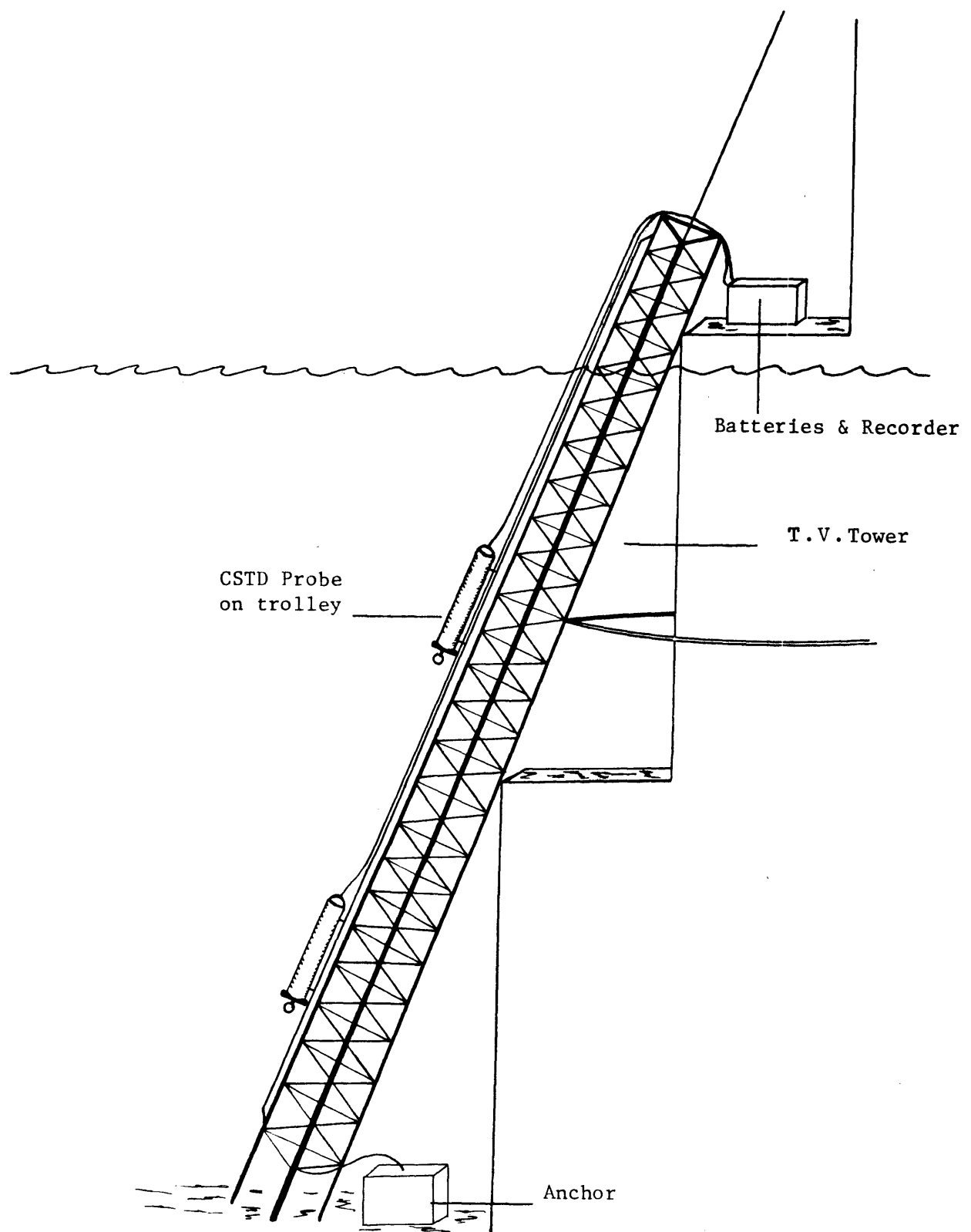


Figure 2. Components of the Norris Bridge Temperature & Salinity Monitoring Station

Station Operation

The CSTD probe (See Figure 3) utilizes a thermistor to sense temperature and multicoil transformer to sense conductivity. Both readings are converted to voltages directly proportional to the magnitudes of the parameters being monitored and are constantly applied at the inputs to the Braincon 710 DAS.

Each sampling cycle, the Braincon Corporation series 3000 type 710 DAS (See figure 4) records the least significant digit of its serial number, four digits of manual data, and five digits of elapsed time. It sequentially samples 4 channels of analog data (the CSTD probe inputs), digitizes these latter to 3 digit binary coded decimal numbers and then records them also. Manual data is set into the machine by exterior thumbwheel switches and is used to indicate start and stop times the machine is deployed in the field. The smallest time increment the elapsed time clock will discriminate is one minute, the total elapsed time displayed 999 hours 59 minutes. The accuracy of this digital clock is ± 2 seconds per day.

The Braincon 710 DAS has been internally programmed to cycle every 30 minutes. This produces a record of temperatures and salinities every half hour. The crystal clock that controls this timed sequence is also accurate to ± 2 seconds per day.

All data was recorded on 1/4" magnetic tape. Cassettes were changed periodically, the tapes taken back to VIMS

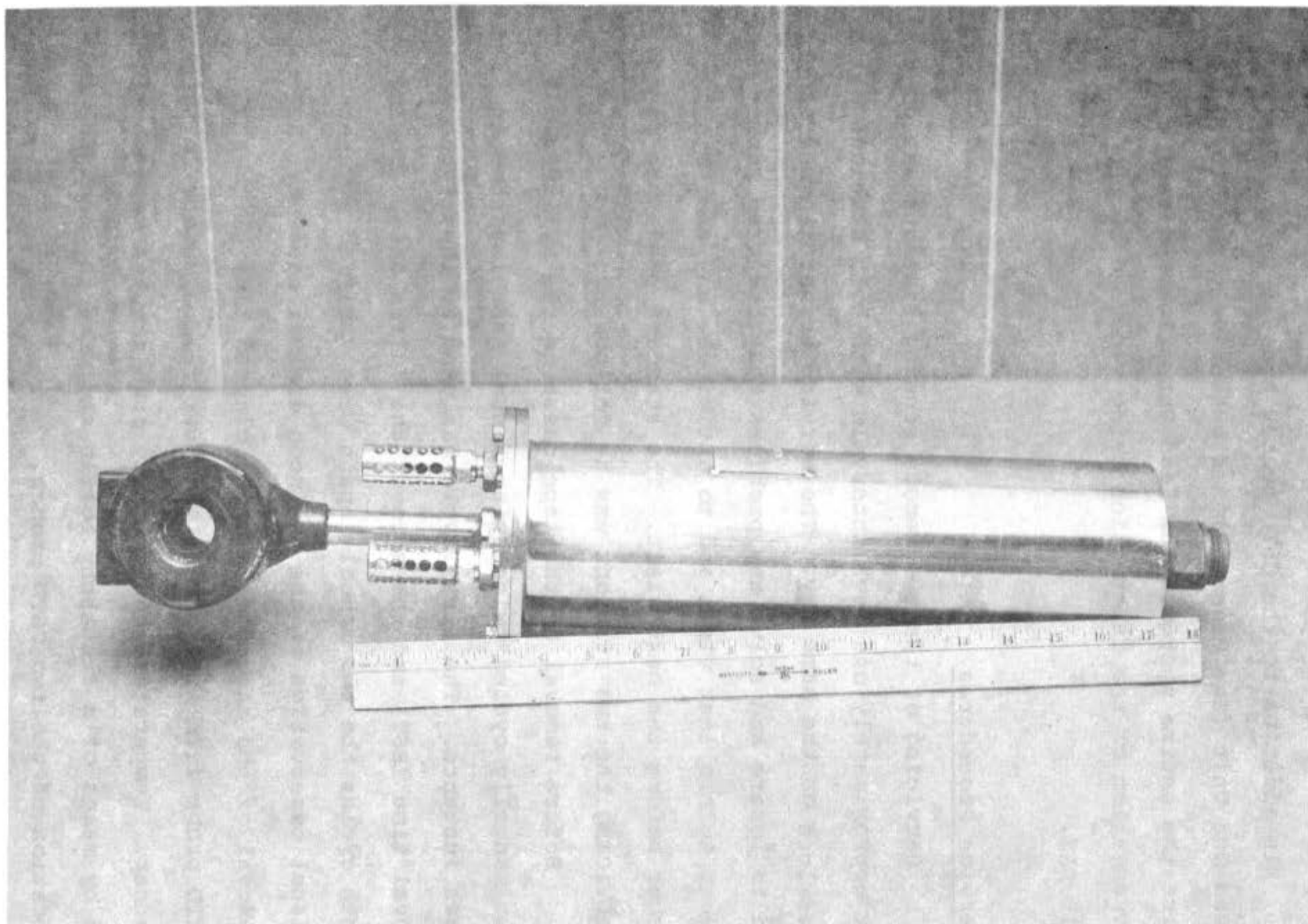


FIG. 3 INTEROCEAN CST MODEL 513 SALINITY & TEMPERATURE PROBE

for data reduction.

In addition to the CSTD probes and 710 DAS, a Braincon Read Out Unit (See Figure 4) was extensively used to field test the entire system. The Read Out allowed direct visual observation of the information being recorded by the 710 DAS.

Service Procedures

Servicing of the two remote sensing stations was done at approximately one week intervals with both stations being serviced on the same day. The service technician was expected to locate and solve any problems that occurred subsequent to his last visit and to anticipate any that might occur before the next visit. The standard procedure for servicing the two stations was as follows:

Before removal of the tape cassette the Braincon 710 was manually cycled twice, with manual data inserted in each instance. The first cycle was used to insert the removal time (EST) and the second, the Julian date. During both cycles the two manual inputs were verified accurate by visual observation of the Braincon digital readout. After removal of the cassette tape the elapsed time clock and CSTD probe data inputs were also verified accurate in this manner. Temperature and salinity grab samples were obtained by means of a Frautschy bottle and used to check the calibration of the two CSTD probes.

CSTD Probes and their associated cables were

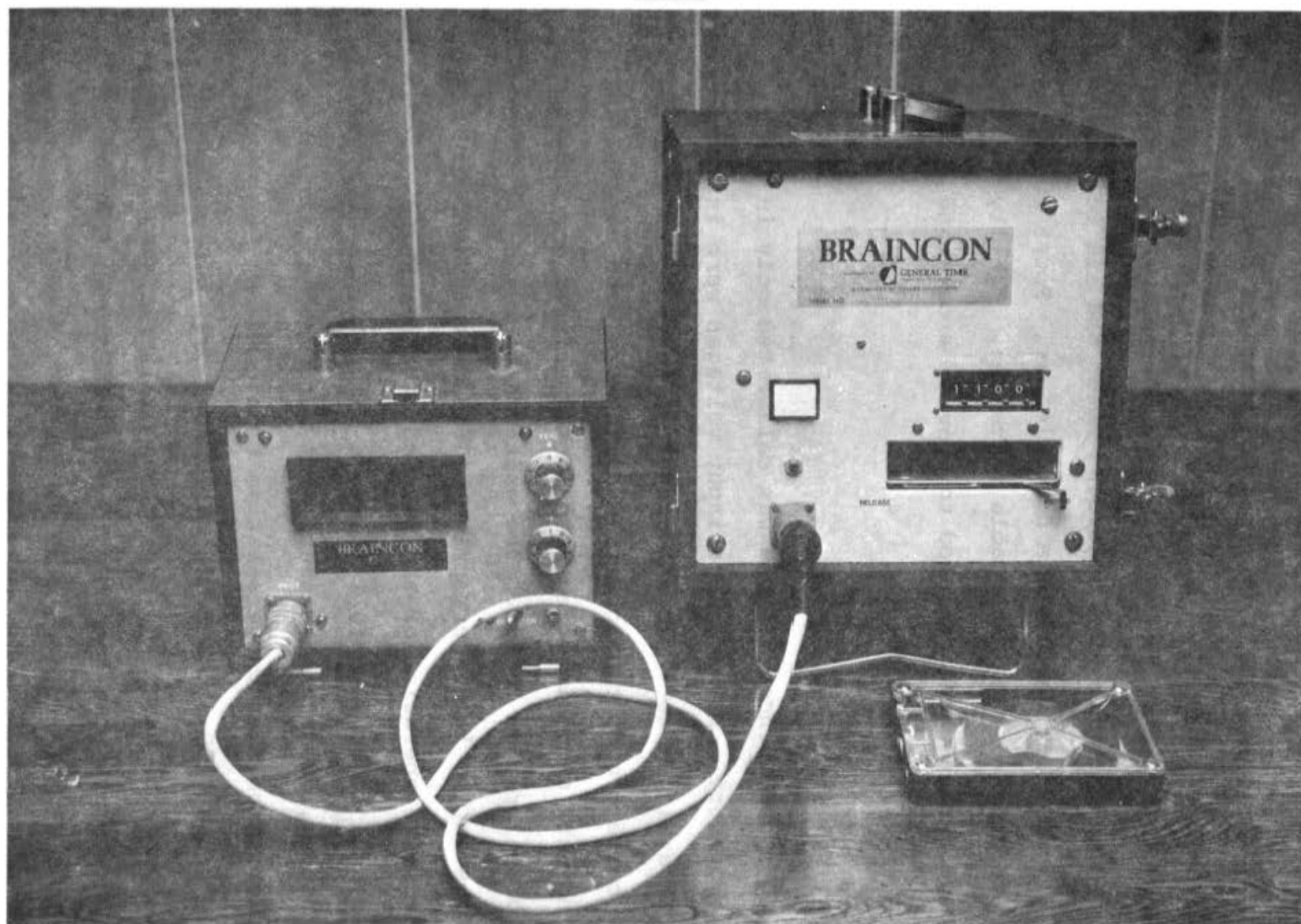


FIG. 4 BRAINCON MODEL TYPE 710 RECORDER & READOUT BOX

carefully cleaned of all fouling marine growth (See Figure 5). All batteries at the Smokey Point station were replaced with freshly charged ones. The batteries at the Norris Bridge station, utilized primarily as a back-up system, were replaced only if they had lost their charge. Prior to insertion of a new tape cassette, the recording heads and all rollers of the 710 were cleaned with tape head cleaner. Power supply voltages were checked with a portable voltmeter. Finally two manual tape cycles were initiated to provide a date and a starting time for the new tape.

Calibration

The Braincon 710 DAS was calibrated only in the laboratory. Known analog input voltages were inserted and the analog - to - digital converter adjusted to provide a correct output as observed on the Braincon Readout unit. The data channels were exceptionally linear and required no calibration factor. The unit was operated for several days in the laboratory prior to field deployment to insure accurate operation of the elapsed time clock and the crystal clock used to initiate a sample cycle every 30 minutes. Both time measurements were checked against a radio broadcast universal time tick.

The CSTD probes were calibrated over a 0 - 40°C temperature range and a 0 - 25ppt salinity range. Initially temperature were compared to a standard stem thermometer

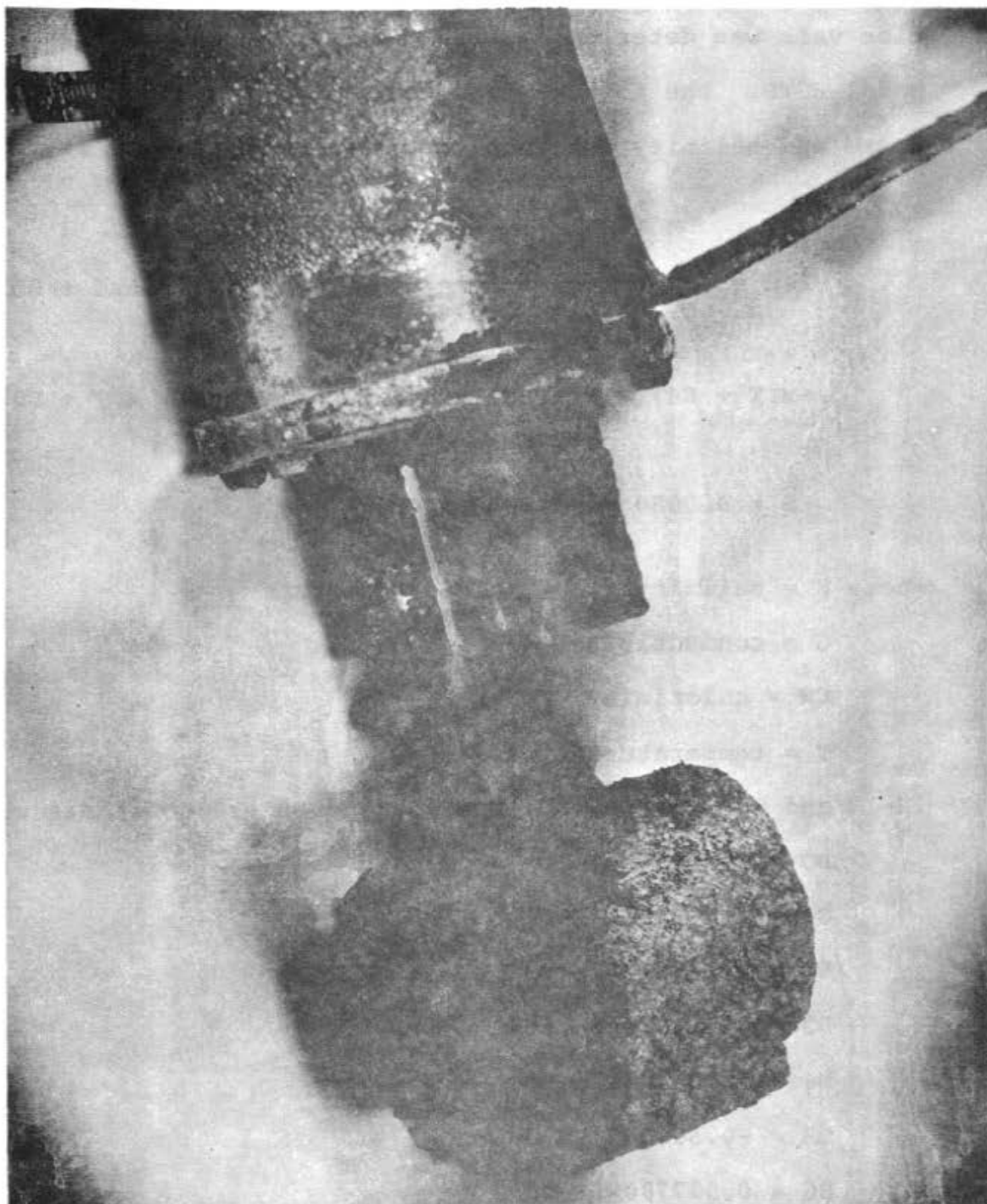


FIG. 5 FOULING OF CST PROBE

calibrated by Wyle Electronics. During the last sample year a platinum bridge thermometer, also calibrated by Wyle Electronics, was employed. Salinity of the calibration vats was determined with a Beckman Salinometer, Model RSTB. The formula for conversion of a known temperature and salinity into the resultant conductivity is:

$$CH = \frac{0.36996}{C^{(-1.07)} - 0.07464E - 03} \times \{ (((((B6 \times T + B5) \times T + B4) \times T + B3) \times T + B2) \times T + B1) \times T + B0) \}$$

$$S = 0.0030 + (1.8050 \times CH)$$

where S = salinity

C = conductivity

CH = chlorinity

T = temperature

and B0, B1, B2, B3, B4, B5, and B6 are constants with:

$$B0 = 0.13855E01$$

$$B1 = 0.46485668E-01$$

$$B2 = 0.14887785E-02$$

$$B3 = -0.63083433E-04$$

$$B4 = 0.25144517E-05$$

$$B5 = -0.59600245E-07$$

$$B6 = 0.57778085E-09$$

This formula was utilized to calibrate the conductivity sensor on the CSTD probes. All probes were calibrated prior to and after removal from field deployment. Corrections for non-linearity, based on these calibration procedures were affected during data reduction.

No field calibration was attempted. A probe showing a deviation from field temperature or conductivity was replaced and returned to the laboratory for repair and/or recalibration.

Data Reduction

Cassette tapes were returned to VIMS and processed on a Braincon 622 tape - to - tape converter. This unit translated the field data onto 1/2", 9 track tape in suitable format (EBCDIC) for processing by an IBM System/360 Model 50 computer. (Figure 6 shows the data acquisition and reduction flow chart.) Reduced data were stored on magnetic tape at the College of William and Mary computer center.

The computer program developed for this operation is given in Appendix A.

Results

Monitoring system data for 1972-1974 is contained in Appendix B. Supplemental data is contained in Appendix C.

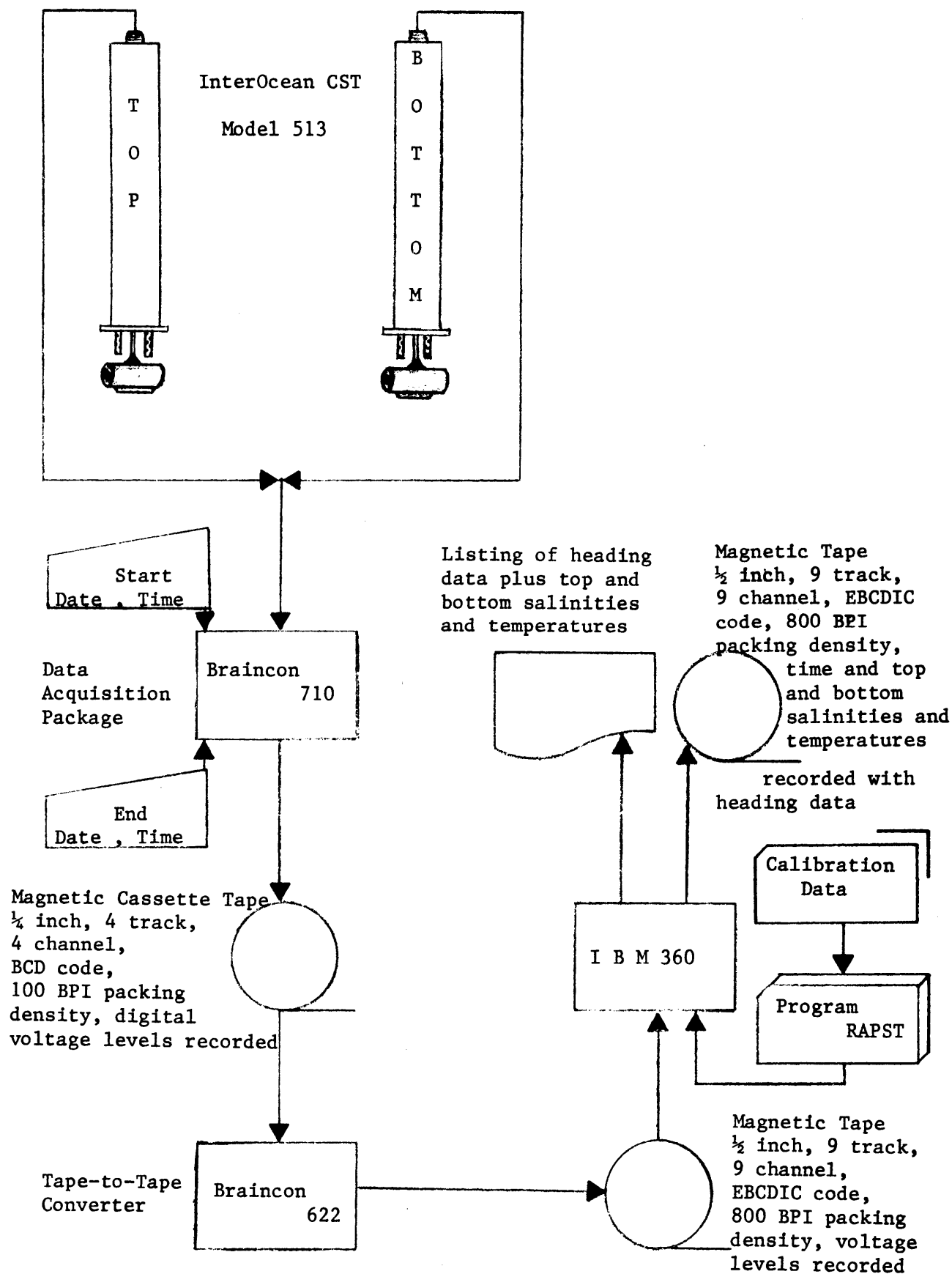


FIG. 6 DATA AQUISITION AND REDUCTION SYSTEMS

BIBLIOGRAPHY

Pollack, M. J. 1954. "The Use of Electrical Conductivity Measurements for Chlorinity Determination" Journal of Marine Research, Vol. 13, No. 2.

APPENDIX A

Computer Program

Appendix A

Computer Program

The computer program (see flow chart, fig. 7) reads the first record of the tape to get the starting year and day, IC, and IDA respectively. The next record read gives the starting time, ITIME. The program then goes through an arithmetic logic sequence to change IDA, the cumulative day of the year, to the proper month and day. This step is represented by box #701 in the flow chart. In the next logic statement, IEND represents a counter signalling the end of the data.

The subroutine LTIMX takes the starting month, day and time and changes it to elapsed minutes from January 1; this base time is then stored in IETIM.

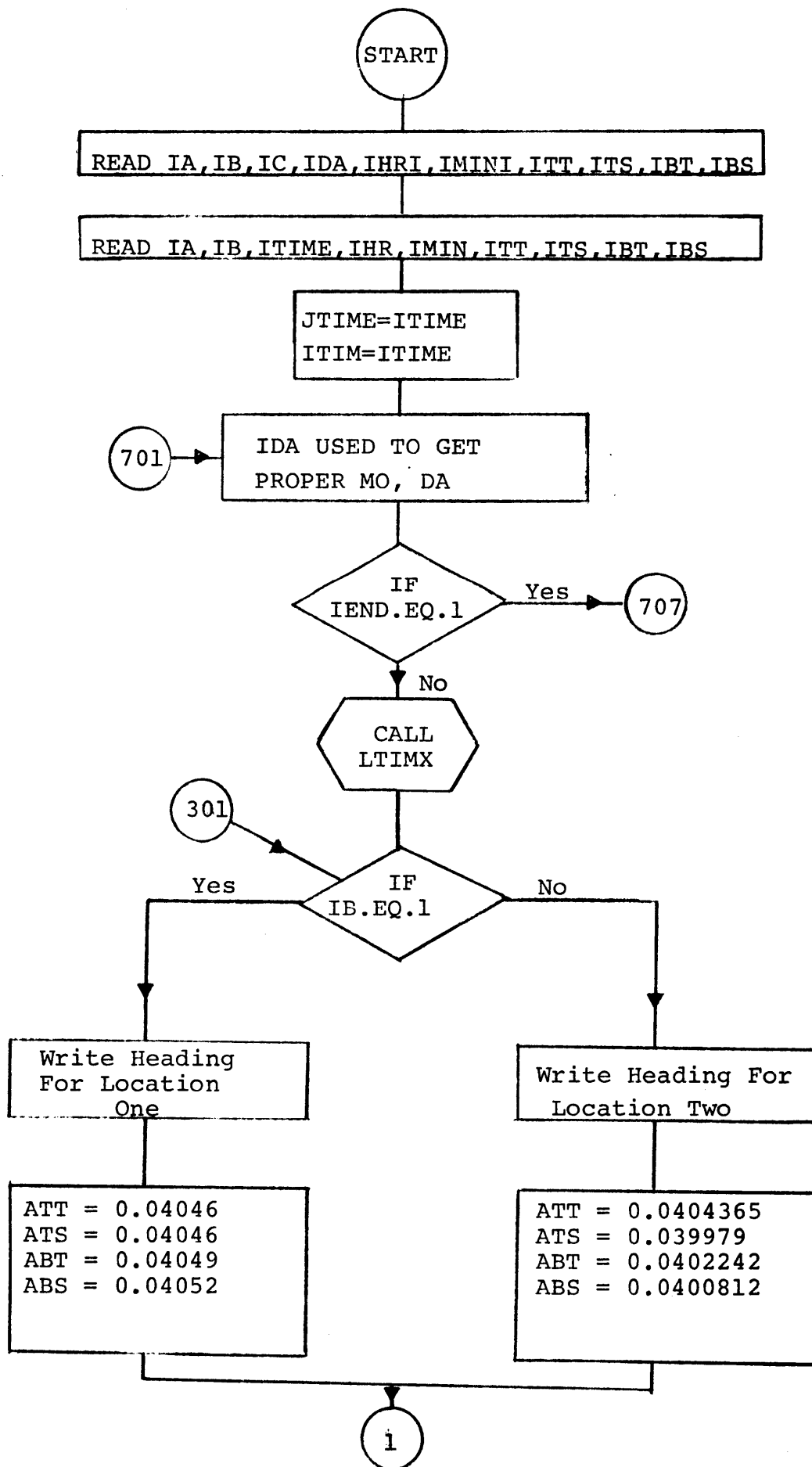
The next logic statement (301) selects the correct station headings and calibration factors.

The second record is the first one from which salinity and temperature data are used; these are then printed out.

The program then goes into a loop, reading each record, incrementing IETIM, and using subroutine LTIMX to get day, month, year and time from IETIM. The logic statement after the LTIMX subrouting simply changes a page when a new day starts. Thus the program prints each day on a single page with the appropriate headings.

The factors ATT, ATS, ABT and ABS represent slopes obtained from a linear regression analysis on the input-output calibration data for each of the two Braincon recorders.

22
FIG. 7 DATA REDUCTION FLOW CHART



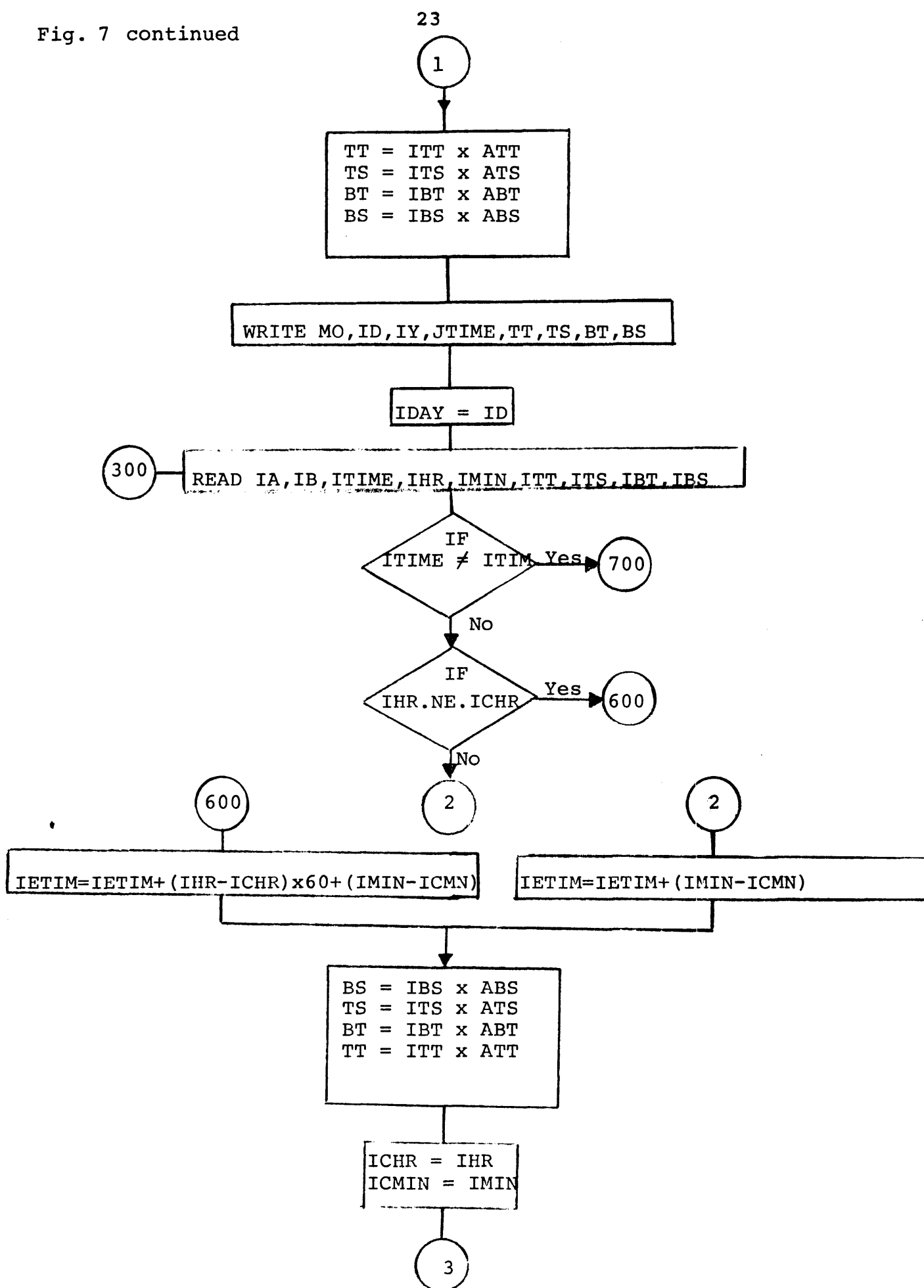
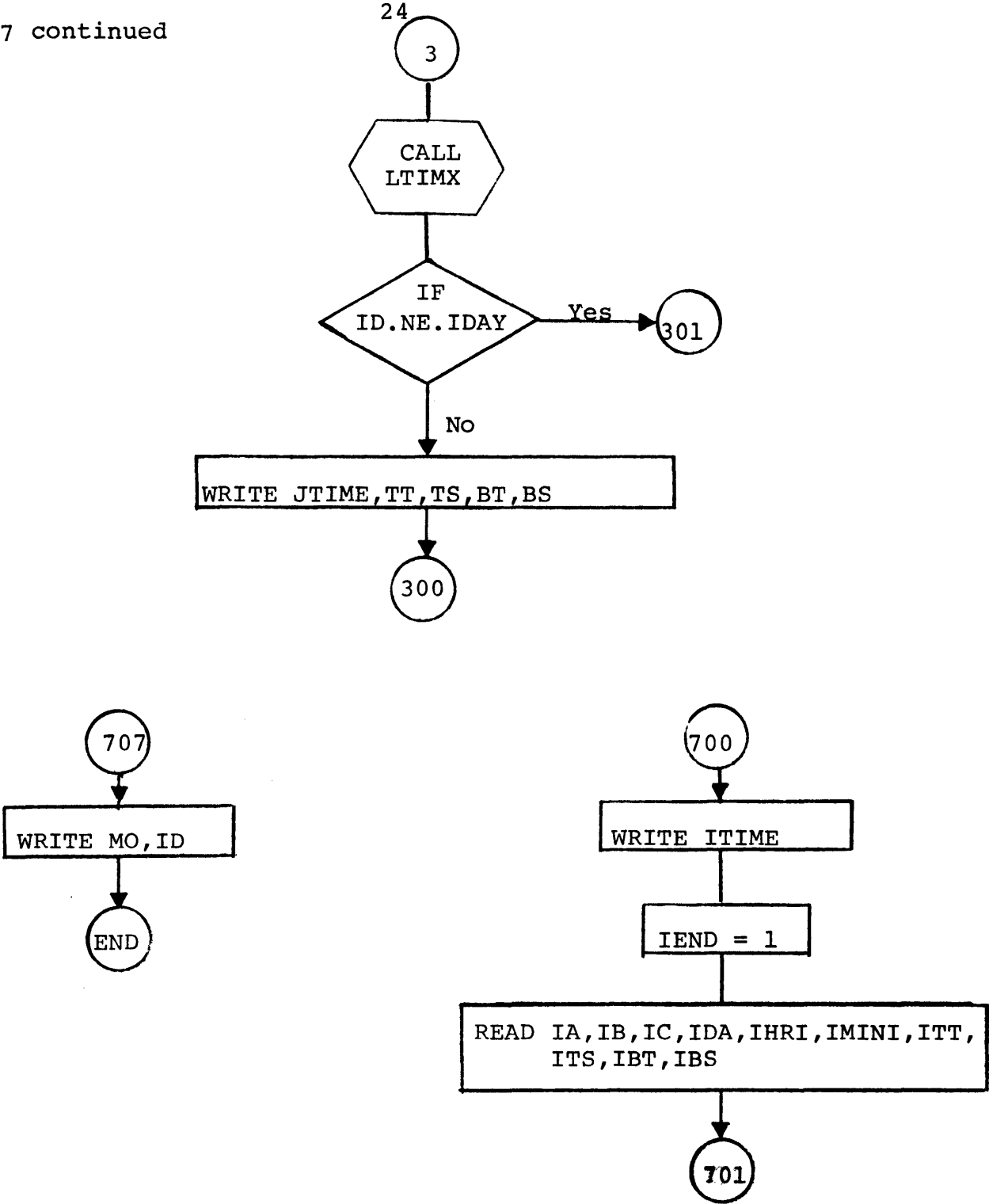


Fig. 7 continued



C THIS PROGRAM GOOD ONLY IN NON LEAP YEARS

```

1  FORMAT(A1,2I1,2I3,I2,4I3)
2  FORMAT(A1,I1,I4,I3,I2,4I3)
3  FORMAT(1H1,13X,'LOCATION1 RAPPAHANNOCK RIVER NORRIS BRIDGE, LATTIT
*UDE 37.37.07N, LONGITUDE 76.25.45W')
4  FORMAT(1H1,13X,'LOCATION2 RAPPAHANNOCK RIVER SMOKEY POINT BOUY NO.
*9, LATTITUDE 37.43.14N, LONGITUDE 76.34.53W')
5  FORMAT(35X,'TEMPERATURE IN DEGREES CENTIGRADE, SALINITY IN PPT')
6  FORMAT(//,46X,3H-TCP,38X,6H-BOTTOM)
7  FORMAT(/,16X,'DATE',10X,'TIME',5X,'TEMP',10X,'SALINITY',20X,'TEMP'
*,10X,'SALINITY'/)
8  FORMAT(14X,I2,'/',I2,'/',I2,8X,I4,4X,F5.1,11X,F5.1,21X,F5.1,11X,F5
*.1)
9  FORMAT(30X,I4,4X,F5.1,11X,F5.1,21X,F5.1,11X,F5.1)
22  FORMAT(/,10X,'REMOVAL TIME ',I4)
23  FORMAT(10X,'REMOVAL DATE ',I2,'/',I2)
24  FORMAT(//,20X,'RECORDS = ',I4,10X,'HOURS = ',F7.1,10X,'DAYS = ',
1F6.2)
    K=2
    IEND=0
    IY=73
    ICHR=0
    ICMN=0
702  READ(13,1)  IA,IB,IC,IDA,IHRI,IMINI,ITT,ITS,IBT,IBS
    READ(13,2)  IA,IB,ITIME,IHR,IMIN,ITT,ITS,IBT,IBS
    JTIME=ITIME
    ITIM=ITIME
701  IF(IDA.LE.31) GO TO 10
    IF(IDA.GT.31.AND.IDA.LE.59) GO TO 11
    IF(IDA.GT.59.AND.IDA.LE.90) GO TO 12
    IF(IDA.GT.90.AND.IDA.LE.120) GO TO 13
    IF(IDA.GT.120.AND.IDA.LE.151) GO TO 14
    IF(IDA.GT.151.AND.IDA.LE.181) GO TO 15
    IF(IDA.GT.181.AND.IDA.LE.212) GO TO 16
    IF(IDA.GT.212.AND.IDA.LE.243) GO TO 17
    IF(IDA.GT.243.AND.IDA.LE.273) GO TO 18
    IF(IDA.GT.273.AND.IDA.LE.304) GO TO 19
    IF(IDA.GT.304.AND.IDA.LE.334) GO TO 20
    IF(IDA.GT.334) GO TO 21
10  MO=1
    ID=IDA
    GO TO 100
11  MO=2
    ID=IDA-31
    GO TO 100
12  MO=3
    ID=IDA-59
    GO TO 100
13  MO=4
    ID=IDA-90
    GO TO 100
14  MO=5
    ID=IDA-120

```

```

      GO TC 100
15    MC=6
      ID=ICA-151
      GO TC 100
16    MC=7
      ID=ICA-181
      GO TC 100
17    MC=8
      ID=ICA-212
      GO TC 100
18    MC=9
      ID=ICA-243
      GO TC 100
19    MC=10
      ID=ICA-273
      GO TC 100
20    MC=11
      ID=ICA-304
      GO TC 100
21    MC=12
      ID=ICA-334
100   IF (IEND.EQ.1) GO TO 707
      CALL LTIMX(2,72,IC,MO,72,JTIME,IETIM)
301   IF(1B.EQ.1) GO TO 101
      WRITE(6,4)
      ATT=0.04046
      ATS=0.04046
      ABT=0.04049
      ABS=0.04052
      GO TC 102
101   WRITE(6,3)
      ATT=0.0404365
      ATS=0.0399799
      ABT=0.0402242
      ABS=0.0400812
102   WRITE(6,5)
      WRITE(6,6)
      WRITE(6,7)
      TT=ITT*ATT
      TS=ITS*ATS
      BT=IBT*ABT
      BS=IBS*ABS
      WRITE(6,8) MO,IC,IY,JTIME,TT,TS,BT,BS
      IDAY=ID
300   READ(13,2,ERR=400,END=500) IA,IB,ITIME,IHR,IMIN,ITT,ITS,IBT,IBS
      K=K+1
      IF(ITIME.NE.ITIM) GO TO 700
      IF(IHR.NE.ICHR) GO TO 600
      IETIM=IETIM+(IMIN-ICMN)
      GO TC 601

```

```

707  WRITE(6,23) MO,IC
      HRS=(K-4)/2.
      DAYS=HRS/24.
      WRITE(6,24)K,HRS,DAYS
500  CALL EXIT
      END

600  IETIM=IETIM+(IHR-ICHR)*60+(IMIN-ICMN)
601  BS=IBS*ABS
      TS=ITS*ATS
      BT=IBT*ABT
      TT=ITT*ATT
      ICHR=IHR
      ICMN=IMIN
      CALL LTIMX(1,72,IC,MO,IY,JTIME,IETIM)
      IF(ID.NE.IDAY) GO TO 301
      WRITE(6,9) JTIME,TT,TS,BT,BS
400  GO TO 300
700  WRITE(6,22) ITIME
      IENC=1
      READ(13,1) IA,IB,IC,IDA,IHRI,IMINI,ITT,ITS,IBT,IBS
      K=K+1
      GO TO 701

```

APPENDIX B

Monitoring System Data

Rappahannock River Bridge
1972

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREE OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
9/22/72	1444	21.8	12.5	22.0	12.6
	1513	22.0	12.5	22.1	12.6
	1543	22.2	12.4	22.3	12.7
	1613	22.1	12.1	22.2	12.5
	1643	22.1	12.1	22.1	12.3
	1713	22.0	12.2	22.2	12.7
	1743	22.0	12.3	22.2	12.7
	1813	22.0	12.4	22.3	13.0
	1843	22.2	12.8	22.3	13.0
	1913	22.2	12.5	22.4	13.2
	1943	22.3	12.9	22.4	13.3
	2013	22.3	12.8	22.3	13.0
	2043	22.3	13.1	22.3	13.0
	2113	22.3	13.0	22.3	12.8
	2143	22.4	13.1	22.4	13.0
	2213	22.4	13.2	22.4	13.2
	2243	22.4	13.5	22.4	13.7
	2313	22.4	13.1	22.4	13.6
	2343	22.3	13.0	22.3	13.1

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREE OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
9/23/72	13	22.1	12.7	22.4	14.1
	43	22.0	12.6	22.4	13.8
	113	22.1	12.9	22.4	13.6
	143	22.1	12.8	22.3	13.4
	213	22.0	12.8	22.1	12.9
	243	22.0	12.8	22.0	12.7
	313	22.0	12.7	21.9	12.6
	343	21.9	12.6	21.9	12.6
	413	21.8	12.6	21.8	12.5
	443	21.9	12.7	21.9	12.6
	513	21.9	12.7	21.9	12.7
	543	21.8	12.6	21.8	12.6
	613	21.8	12.6	21.8	12.5
	643	21.7	12.6	21.7	12.5
	713	21.7	12.6	21.7	12.4
	743	21.8	12.7	22.2	13.2
	813	21.9	12.9	22.1	13.3
	843	21.6	13.1	21.7	13.2
	913	21.8	12.9	21.8	12.9
	943	22.0	13.1	22.0	13.1
	1013	22.0	13.3	22.0	13.2
	1043	22.0	13.1	22.0	13.3
	1113	21.9	13.2	22.0	13.1
	1143	21.8	12.9	22.2	13.4
	1213	21.8	13.0	22.0	13.1
	1243	21.7	12.8	22.3	13.7
	1313	22.2	13.7	22.3	13.7
	1343	21.8	12.8	22.2	13.5
	1413	22.0	12.8	22.4	14.1
	1443	22.0	12.8	22.1	13.4
	1513	21.9	12.9	22.0	13.2
	1543	22.0	13.0	22.1	13.3
	1613	22.3	12.8	22.0	13.1
	1643	22.5	12.8	22.1	12.9
	1713	22.4	12.8	22.3	12.8
	1743	22.1	12.8	22.1	13.1
	1813	22.4	12.7	22.1	13.4
	1843	22.2	13.2	22.2	13.2
	1913	22.2	12.8	22.1	12.8
	1943	22.3	12.8	22.2	13.2
	2013	22.3	13.2	22.2	13.0
	2043	22.1	13.1	22.1	12.9
	2113	22.1	13.0	22.1	12.7
	2143	22.1	12.9	22.1	12.7
	2213	22.1	13.0	22.1	12.7
	2243	22.0	13.0	21.9	12.8
	2313	21.9	13.1	22.0	12.9
	2343	22.1	13.2	22.0	12.9

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREE OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
9/24/72	13	22.0	13.2	22.1	13.1
	43	22.0	13.2	22.2	13.5
	113	21.6	12.9	22.2	13.3
	143	21.9	13.1	22.2	13.5
	213	22.0	13.3	22.2	13.5
	243	21.7	13.1	22.3	13.8
	313	22.0	13.3	22.1	13.6
	343	21.9	13.3	22.4	14.0
	413	22.0	13.3	22.2	13.6
	443	22.0	13.3	22.3	13.8
	513	21.9	13.1	22.2	13.5
	543	21.8	13.1	22.2	13.5
	613	21.8	13.0	21.7	13.0
	643	21.7	13.0	21.8	13.1
	713	21.7	13.0	21.7	13.0
	743	21.7	13.0	21.8	13.0
	813	21.8	13.1	21.8	12.8
	843	21.6	13.0	21.6	13.0
	913	21.6	13.2	21.7	13.2
	943	21.7	13.2	21.7	13.2
	1013	21.8	13.1	21.8	13.1
	1043	21.9	13.1	21.8	13.1
	1113	21.8	13.1	21.8	12.9
	1143	21.9	13.3	21.8	13.1
	1213	21.9	13.2	21.8	13.1
	1243	22.0	13.1	21.9	13.3
	1313	21.9	13.1	22.0	13.3
	1343	22.0	13.2	22.0	13.3
	1413	21.9	13.2	22.0	13.4
	1443	22.0	13.4	22.0	13.4
	1513	22.0	13.4	22.0	13.5
	1543	22.1	13.4	22.2	13.7
	1613	22.1	13.5	22.2	13.8
	1643	22.1	13.2	22.3	13.9
	1713	22.0	13.3	22.2	13.7
	1743	22.1	13.1	22.0	13.4
	1813	22.1	13.0	22.0	13.2
	1843	22.0	13.0	22.0	13.1
	1913	22.1	13.0	22.0	13.2
	1943	22.0	13.1	22.0	13.1
	2013	22.0	13.1	22.0	12.9
	2043	22.1	13.0	22.0	12.9
	2113	22.1	13.1	22.0	12.9
	2143	22.1	13.4	22.0	13.0
	2213	22.2	13.3	22.1	13.0
	2243	22.1	13.3	22.0	13.1
	2313	22.1	13.3	22.0	13.1
	2343	22.0	13.3	22.0	13.1

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE, 32

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREE OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
9/25/72	13	22.0	13.3	22.0	13.1
	43	22.0	13.3	22.0	13.1
	113	22.0	13.3	22.0	12.9
	143	21.9	13.3	21.9	12.9
	213	21.9	13.3	22.0	13.1
	243	22.0	13.3	22.0	13.1
	313	22.0	13.4	22.0	13.2
	343	22.0	13.4	22.1	13.5
	413	22.1	13.5	22.2	13.7
	443	22.0	13.5	22.1	13.5
	513	22.1	13.5	22.2	13.7
	543	22.0	13.2	22.2	13.5
	613	22.0	13.2	22.2	13.5
	643	22.0	13.3	22.1	13.4
	713	22.0	13.2	22.0	13.2
	743	21.9	13.2	22.0	13.2
	813	21.9	13.1	22.0	13.2
	843	22.0	13.2	22.0	13.2
	913	21.8	13.2	21.8	13.2
	943	21.9	13.4	21.9	13.3
	1013	22.1	13.5	22.1	13.5
	1043	22.1	13.3	22.0	13.3
	1113	22.1	13.3	22.0	13.1
	1143	22.2	13.4	22.0	13.1
	1213	22.2	13.4	22.0	13.4
	1243	22.0	13.5	22.0	13.4
	1313	22.1	13.4	22.1	13.4
	1343	22.6	13.2	22.1	13.4
	1413	22.4	13.3	22.1	13.4
	1443	22.2	13.3	22.1	13.4
	1513	22.4	13.4	22.0	13.4
	1543	22.3	13.3	22.0	13.5
	1613	22.3	13.5	22.0	13.5
	1643	22.4	13.5	22.2	13.5
	1713	22.4	13.4	22.1	13.4
	1743	22.3	13.4	22.1	13.6
	1813	22.3	13.4	22.2	13.7
	1843	22.7	13.2	22.1	13.4
	1913	22.8	13.1	22.4	13.3
	1943	22.6	13.2	22.4	13.2
	2013	22.6	13.2	22.4	13.1
	2043	22.5	13.2	22.4	13.0
	2113	22.4	13.2	22.3	12.9
	2143	22.6	13.1	22.2	13.1
	2213	22.6	13.3	22.4	13.0
	2243	22.4	13.4	22.4	13.1
	2313	22.5	13.4	22.4	13.1
	2343	22.6	13.3	22.5	13.1

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREE OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
9/25/72	13	22.5	13.3	22.4	13.1
	43	22.4	13.5	22.3	13.2
	113	22.3	13.5	22.3	13.1
	143	22.3	13.4	22.2	13.2
	213	22.3	13.3	22.2	13.4
	243	22.3	13.3	22.2	13.5
	313	22.3	13.4	22.1	13.5
	343	22.3	13.4	22.2	13.3
	413	22.2	13.4	22.2	13.4
	443	22.2	13.5	22.2	13.5
	513	22.2	13.5	22.2	13.5
	543	22.3	13.4	22.2	13.5
	613	22.3	13.4	22.2	13.4
	643	22.2	13.4	22.2	13.5
	713	22.2	13.4	22.2	13.5
	743	22.1	13.3	22.2	13.5
	813	22.1	13.3	22.2	13.5
	843	22.1	13.2	22.1	13.3
	913	22.1	13.2	22.2	13.3
	943	22.1	13.3	22.1	13.3
	1013	22.2	13.4	22.1	13.2
	1043	22.2	13.5	22.2	13.2
	1113	22.3	13.5	22.2	13.3
	1143	22.3	13.4	22.3	13.1
	1213	22.3	13.4	22.3	13.1
	1243	22.3	13.4	22.3	13.1
	1313	22.3	13.5	22.3	13.3
	1343	22.3	13.5	22.2	13.4
	1413	22.3	13.5	22.3	13.6
	1443	23.1	13.4	22.2	13.5
	1513	22.8	13.4	22.4	13.5
	1543	22.9	13.4	22.6	13.5
	1613	22.9	13.4	22.8	13.4
	1643	22.7	13.5	22.6	13.4
	1713	22.7	13.5	22.6	13.4
	1743	22.7	13.4	22.5	13.4
	1813	22.9	13.4	22.4	13.4
	1843	22.5	13.4	22.2	13.4
	1913	22.7	13.4	22.2	13.5
	1943	22.8	13.4	22.2	13.5
	2013	23.1	13.3	22.6	13.4
	2043	22.8	13.1	22.6	13.3
	2113	22.8	13.1	22.5	13.3
	2143	22.7	13.1	22.5	13.3
	2213	22.8	13.1	22.5	13.3
	2243	22.8	13.1	22.4	13.4
	2313	22.7	13.1	22.5	13.4
	2343	22.6	13.2	22.6	13.2

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREE OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
9/27/72	13	22.6	13.2	22.6	13.1
	43	22.6	13.3	22.6	13.3
	113	22.5	13.5	22.3	13.8
	143	22.5	13.5	22.4	13.6
	213	22.4	13.5	22.2	13.8
	243	22.5	13.3	22.2	13.8
	313	22.6	13.3	22.2	14.2
	343	22.6	13.2	22.1	14.5
	413	22.6	13.4	22.2	13.7
	443	22.5	13.3	22.4	13.7
	513	22.5	13.3	22.4	13.7
	543	22.5	13.2	22.5	13.4
	613	22.5	13.2	22.4	13.4
	643	22.6	13.0	22.5	13.3
	713	22.6	13.1	22.5	13.3
	743	22.5	13.1	22.4	13.4
	813	22.4	13.2	22.4	13.4
	843	22.4	13.1	22.3	13.4
	913	22.4	13.4	22.3	13.4
	943	22.4	13.4	22.4	13.4
	1013	22.4	13.4	22.4	13.4
	1043	22.6	13.4	22.4	13.5
	1113	22.5	13.5	22.4	13.5
	1143	22.4	13.5	22.4	13.4
	1213	22.7	13.5	22.7	13.5
	1243	22.7	13.4	22.7	13.4
	1313	22.6	13.5	22.6	13.5
	1343	22.7	13.8	22.5	13.9
	1413	23.1	13.7	22.3	14.1
	1443	22.8	13.7	22.5	13.7
	1513	23.1	13.6	22.3	14.3
	1543	22.9	13.7	22.2	14.3
	1613	23.1	13.5	22.2	14.3
	1643	22.8	13.4	22.6	13.9
	1713	23.2	13.5	23.0	13.5
	1743	23.2	13.5	22.7	13.5
	1813	23.3	13.4	23.0	13.4
	1843	23.7	13.4	23.5	13.4
	1913	23.4	13.3	23.3	13.3
	1943	23.2	13.4	23.2	13.3
	2013	23.3	13.3	23.0	13.3
	2043	23.2	13.4	23.0	13.3
	2113	23.3	13.4	23.0	13.3
	2143	23.3	13.4	22.9	13.3
	2213	23.3	13.4	22.7	13.5
	2243	23.0	13.5	22.7	13.2
	2313	23.4	13.4	22.7	13.2
	2343	23.3	13.4	22.8	12.9

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREE OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
9/23/72	13	23.2	13.4	22.9	13.2
	43	23.0	13.5	22.4	13.8
	113	22.9	13.9	22.4	14.0
	143	22.8	13.8	22.8	13.7
	213	22.8	13.9	22.5	13.9
	243	22.7	13.9	22.4	13.8
	313	22.7	13.9	22.4	13.9
	343	22.8	13.9	22.1	14.6
	413	22.5	14.1	22.2	14.4
	443	22.7	13.8	22.1	14.6
	513	23.1	13.4	22.1	14.7
	543	23.1	13.5	22.7	13.9
	613	23.0	13.5	22.8	13.6
	643	22.9	13.4	23.0	13.4
	713	22.9	13.4	23.0	13.4
	743	23.0	13.4	23.0	13.4
	813	22.9	13.4	22.9	13.3
	843	23.0	13.4	23.0	13.4
	913	23.0	13.4	23.0	13.3
	943	23.0	13.4	23.0	13.3
	1013	23.0	13.3	22.9	13.3
	1043	23.0	13.3	22.9	13.3
	1113	23.0	13.3	23.0	13.3
	1143	22.9	13.5	22.8	13.7
	1213	22.8	13.7	22.7	13.5
	1243	22.8	13.7	22.8	13.5
	1313	22.9	13.5	22.9	13.3
	1343	22.8	13.5	22.8	13.3
	1413	22.6	13.8	22.6	13.5
	1443	22.7	13.7	22.3	14.4
	1513	22.8	13.7	22.4	14.2
	1543	22.8	13.8	22.3	14.7
	1613	22.9	13.6	22.6	13.9
	1643	22.9	13.7	22.2	14.5
	1713	22.8	13.7	22.2	14.7
	1743	22.8	13.8	22.2	14.5
	1813	22.7	13.9	22.3	14.5
	1843	22.7	13.9	22.5	14.1
	1913	22.8	13.6	22.7	13.6
	1943	22.7	13.6	22.6	13.8
	2013	22.6	13.6	22.6	13.8
	2043	22.6	13.7	22.6	13.7
	2113	22.6	13.8	22.5	13.8
	2143	22.6	13.7	22.5	13.7
	2213	22.6	13.7	22.5	13.7
	2243	22.6	13.7	22.5	13.7
	2313	22.6	13.7	22.5	13.5
	2343	22.6	13.7	22.5	13.5

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREE OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
9/29/72	13	22.6	13.7	22.5	13.4
	43	22.5	13.7	22.5	13.5
	113	22.5	13.7	22.4	13.7
	143	22.5	13.9	22.4	13.7
	213	22.5	13.9	22.4	13.5
	243	22.4	13.9	22.4	13.8
	313	22.5	14.0	22.4	13.8
	343	22.4	14.1	22.4	14.0
	413	22.5	13.9	22.3	14.2
	443	22.4	13.9	22.3	14.1
	513	22.4	13.9	22.3	14.2
	543	22.4	13.9	22.2	14.6
	613	22.4	13.6	22.3	14.4
	643	22.3	13.4	22.3	14.1
	713	22.4	13.8	22.4	14.3
	743	22.4	13.6	22.4	13.7
	813	22.4	13.7	22.4	13.7
	843	22.4	13.7	22.4	13.8
	913	22.3	13.7	22.4	13.8
	943	22.4	13.7	22.4	13.8
	1013	22.4	13.7	22.4	13.6
	1043	22.4	13.7	22.4	13.5
	1113	22.4	13.7	22.4	13.5
	1143	22.4	13.7	22.3	13.5
	1213	22.4	13.7	22.4	13.5
	1243	22.4	13.7	22.4	13.5
	1313	22.3	13.7	22.3	13.5
	1343	22.4	13.9	22.4	13.7
	1413	22.4	13.8	22.3	13.7
	1443	22.3	13.9	22.3	13.7
	1513	22.4	14.0	22.4	13.8
	1543	22.4	14.3	22.3	14.1
	1613	22.4	14.0	22.3	14.1
	1643	22.4	13.9	22.3	14.2
	1713	22.5	13.8	22.3	14.2
	1743	22.4	14.1	22.3	14.4
	1813	22.5	13.7	22.3	14.4
	1843	22.5	13.7	22.3	14.4
	1913	22.5	13.8	22.4	13.9
	1943	22.5	13.8	22.3	14.3
	2013	22.5	13.8	22.4	13.9
	2043	22.5	13.8	22.4	13.8
	2113	22.5	13.7	22.4	13.7

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREE OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
10/ 2/72	1147	20.5	13.7	20.4	13.6
	1149	20.5	13.7	20.4	13.6
	1149	20.5	13.7	20.4	13.7
	1150	20.6	13.7	20.4	13.7
	1216	20.7	13.7	20.6	13.7
	1246	20.7	13.6	20.6	13.7
	1316	20.7	13.5	20.7	13.7
	1346	20.7	13.5	20.7	13.6
	1416	20.9	13.6	20.6	13.5
	1446	21.0	13.6	20.6	13.5
	1516	20.9	13.6	20.5	13.5
	1546	21.0	13.6	20.7	13.5
	1616	20.9	13.5	20.8	13.5
	1646	20.9	13.8	20.9	13.8
	1716	20.9	13.9	21.1	14.3
	1746	20.9	14.0	21.1	14.4
	1816	20.9	14.1	21.0	14.4
	1846	20.8	13.9	21.1	14.9
	1916	20.9	14.0	21.2	15.1
	1946	21.1	14.4	21.2	15.0
	2016	20.9	14.6	21.3	15.7
	2046	20.8	14.2	21.2	15.3
	2116	20.7	14.0	21.0	14.3
	2146	20.6	13.9	21.0	14.5
	2216	20.2	13.7	20.7	14.3
	2246	20.3	13.8	21.2	15.1
	2316	20.5	13.8	20.7	14.4
	2346	20.6	13.9	21.0	14.5

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREE OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
10/ 3/72	16	20.6	13.9	20.7	13.9
	46	20.7	13.8	20.7	13.8
	116	20.5	13.7	20.8	14.0
	146	20.5	13.7	20.8	14.0
	216	20.3	13.7	20.4	13.7
	246	20.5	13.7	20.5	13.7
	316	20.7	13.9	20.7	13.7
	346	20.7	13.9	20.7	13.8
	416	20.7	13.9	20.7	13.8
	446	20.4	13.7	20.6	13.7
	516	20.6	13.9	20.6	13.7
	546	20.5	13.9	20.6	14.3
	616	20.3	13.8	20.6	14.5
	646	20.2	14.1	20.4	14.5
	716	20.2	14.1	20.2	14.3
	746	20.3	14.3	20.3	14.1
	816	20.4	14.1	21.1	16.2
	846	20.4	14.1	21.0	15.7
	916	20.5	14.1	20.7	14.3
	946	20.3	12.4	20.5	14.2
	1016	20.1	13.9	20.5	14.1
	1046	20.1	13.9	20.9	15.1
	1116	19.5	13.8	20.2	14.3
	1146	19.9	13.9	20.1	14.0
	1216	20.2	14.0	20.2	13.9
	1246	20.5	13.6	20.5	13.9
	1316	20.7	14.1	20.4	13.9
	1346	20.6	13.8	20.4	13.8
	1416	20.5	13.9	20.4	13.8
	1446	20.7	13.9	20.6	13.8
	1516	20.8	13.9	20.6	13.8
	1546	20.7	13.9	20.6	13.7
	1616	20.7	13.9	20.5	13.5
	1646	20.8	13.9	20.6	13.7
	1716	20.8	13.9	20.8	13.6
	1746	20.7	14.0	20.7	14.3
	1816	20.6	14.3	20.7	14.5
	1846	20.7	14.3	20.7	14.1
	1916	20.6	14.3	20.6	13.9
	1946	20.7	14.3	20.7	14.0
	2016	20.7	13.9	20.9	15.3
	2046	20.5	10.9	20.9	15.1
	2116	20.4	14.3	20.9	15.4
	2146	20.2	14.1	20.9	15.2
	2216	20.1	14.0	20.8	14.9
	2246	20.0	13.8	20.9	15.0
	2316	20.5	14.3	20.8	14.9
	2346	20.3	14.0	20.8	14.7

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREE OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
10/ 4/72	16	20.3	14.0	20.5	14.1
	46	20.1	14.1	20.7	14.5
	116	20.4	14.1	20.6	14.4
	146	20.3	14.1	20.3	14.0
	216	20.3	14.1	20.3	14.0
	246	20.4	14.1	20.4	14.0
	316	20.4	11.9	20.4	14.0
	346	20.4	11.4	20.4	14.0
	416	20.4	14.1	20.4	14.0
	446	20.3	14.1	20.3	14.0
	516	20.3	14.1	20.3	14.0
	546	20.3	14.1	20.3	14.1
	616	20.3	14.3	20.4	14.3
	646	20.4	14.3	20.4	14.3
	716	20.1	14.2	20.1	14.2
	746	20.3	14.3	20.3	14.3
	816	20.3	14.3	20.4	14.5
	846	20.3	14.3	20.4	14.2
	916	20.1	14.3	20.6	15.0
	946	20.1	14.2	20.2	14.3
	1016	19.9	14.0	20.4	14.7
	1046	19.9	14.0	20.2	14.2
	1116	20.0	14.0	20.6	14.9
	1146	19.9	14.0	20.7	15.1
	1216	20.0	14.0	20.4	14.5
	1246	20.1	14.1	20.1	14.0
	1316	20.3	14.1	20.2	14.0
	1346	20.3	14.1	20.3	14.2
	1416	20.5	14.1	20.5	14.4
	1446	20.5	14.3	20.6	14.4
	1516	20.5	14.2	20.6	14.3
	1546	20.6	14.2	20.5	14.1
	1616	20.7	14.1	20.6	14.1
	1646	20.7	14.2	20.8	14.1
	1716	20.7	14.2	20.7	14.1
	1746	20.7	14.1	20.7	14.1
	1816	20.7	9.3	20.7	13.9
	1846	20.6	14.1	20.6	13.9
	1916	20.7	14.4	20.7	14.4
	1946	20.5	14.3	20.5	14.1
	2016	20.6	14.4	20.6	14.1
	2046	20.5	14.2	20.5	13.8
	2116	20.4	14.5	20.6	14.6
	2146	20.5	14.3	20.6	14.6
	2216	20.3	14.3	20.6	14.7
	2246	20.1	14.1	20.7	16.2
	2316	20.0	13.9	21.0	15.8
	2346	20.1	14.0	20.8	15.4

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREE OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
10/ 5/72	16	20.6	14.5	20.8	14.9
	46	20.1	14.1	20.4	14.2
	116	20.1	14.1	20.2	13.9
	146	20.2	14.2	20.2	13.9
	216	20.3	14.2	20.4	14.2
	246	20.3	14.2	20.3	14.2
	316	20.4	14.2	20.4	14.1
	346	20.3	14.2	20.4	14.2
	416	20.3	14.3	20.4	14.3
	446	20.3	14.3	20.4	14.3
	516	20.4	14.3	20.5	14.3
	546	20.4	14.3	20.4	14.3
	616	20.5	11.8	20.4	14.3
	646	20.3	13.9	20.3	14.2
	716	20.2	14.3	20.3	14.2
	746	20.0	14.1	20.0	14.0
	816	20.3	12.0	20.3	14.3
	846	20.3	14.3	20.3	14.3
	916	20.2	14.3	20.2	14.1
	946	20.3	14.3	20.8	15.6
	1016	20.3	14.4	20.6	15.2
	1046	20.3	14.5	20.6	15.0
	1116	20.6	9.3	21.1	16.2
	1146	20.5	12.6	20.9	15.6
	1216	20.8	13.5	20.8	15.4
	1246	20.6	12.6	20.6	15.2
	1316	20.5	12.5	20.5	14.8
	1346	20.5	14.4	20.5	14.7
	1416	20.5	14.3	20.4	14.3
	1446	20.5	14.4	20.5	14.3
	1516	20.5	14.4	20.5	14.5
	1546	20.5	14.6	20.6	14.5
	1616	20.6	14.5	20.6	14.6
	1646	20.5	14.4	20.5	14.4
	1716	20.5	14.4	20.5	14.3
	1746	20.5	14.4	20.5	14.3
	1816	20.5	0.0	20.5	14.4
	1846	20.5	11.3	20.5	14.3
	1916	20.5	14.1	20.4	14.3
	1946	20.5	11.1	20.4	14.3
	2016	20.4	11.0	20.4	14.3
	2046	20.3	5.3	20.4	14.5
	2116	20.4	14.7	20.4	14.7
	2146	20.4	14.7	20.5	14.8
	2216	20.5	14.9	20.5	14.9
	2246	20.5	14.7	20.6	15.2
	2316	20.4	14.6	20.6	15.1
	2346	20.4	14.7	20.6	15.2

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREE OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
10/ 6/72	16	20.4	14.5	20.8	15.4
	46	20.6	15.0	20.6	15.1
	116	20.4	14.7	20.5	15.0
	146	20.4	14.7	20.5	14.9
	216	20.3	14.4	20.4	14.7
	246	20.3	14.5	20.3	14.6
	316	20.4	14.5	20.4	14.6
	346	20.3	14.4	20.4	14.7
	416	20.5	14.6	20.4	14.7
	446	20.4	14.6	20.4	14.7
	516	20.4	14.6	20.4	14.7
	546	20.4	11.3	20.4	14.5
	616	20.4	14.5	20.4	14.5
	646	20.4	14.7	20.4	14.6
	716	20.4	6.3	20.4	14.4
	746	20.3	7.5	20.4	14.5
	816	20.3	5.9	20.3	14.5
	846	20.3	9.3	20.3	14.6
	916	20.3	5.5	20.3	14.6
	946	20.3	14.9	20.3	14.8
	1016	20.3	15.0	20.3	14.9
	1046	20.3	14.9	20.3	14.8
	1116	20.3	9.1	20.3	14.9
	1146	20.3	15.0	20.3	14.9
	1216	20.5	15.2	20.4	15.0
	1246	20.5	15.2	20.4	15.1
	1316	20.5	15.2	20.5	15.2
	1346	20.4	15.2	20.4	15.2
	1416	20.4	15.1	20.8	15.9
	1446	20.4	15.1	20.5	15.3
	1516	20.4	15.0	20.5	15.0
	1546	20.5	15.0	20.5	15.0
	1616	20.5	15.0	20.5	15.0
	1646	20.5	15.0	20.5	15.1
	1716	20.5	15.0	20.6	15.2
	1746	20.5	15.1	20.5	15.0
	1816	20.5	14.9	20.5	15.0
	1846	20.4	14.8	20.5	15.0
	1916	20.6	14.7	20.5	14.7
	1946	20.6	14.7	20.6	14.6
	2016	20.6	14.7	20.6	14.6
	2046	20.5	10.2	20.5	14.7
	2116	20.4	7.1	20.4	14.7
	2146	20.5	15.0	20.4	14.9
	2216	20.5	13.7	20.4	14.9
	2246	20.5	12.6	20.4	14.9
	2316	20.4	10.6	20.4	14.9
	2346	20.5	11.4	20.4	14.9

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREE OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
10/ 7/72	16	20.5	12.9	20.4	14.9
	46	20.5	15.0	20.4	14.9
	116	20.4	14.1	20.4	14.9
	146	20.4	12.4	20.4	14.9
	216	20.5	9.0	20.5	15.0
	246	20.6	15.0	20.5	15.0
	316	20.5	15.0	20.5	14.9
	346	20.5	14.9	20.4	14.8
	416	20.5	14.8	20.4	14.7
	446	20.5	14.7	20.4	14.6
	516	20.4	14.7	20.4	14.6
	546	20.5	14.7	20.4	14.6
	616	20.4	14.6	20.4	14.5
	646	20.4	14.5	20.4	14.4
	716	20.4	14.5	20.4	14.4
	746	20.4	14.0	20.4	14.3
	816	20.4	14.4	20.4	14.2
	846	20.4	14.4	20.3	14.5
	916	20.2	14.5	20.2	14.0
	946	20.3	14.5	20.2	14.3
	1016	20.3	14.4	20.3	14.3
	1046	20.3	14.4	20.2	14.3
	1116	20.3	14.4	20.2	14.3
	1146	20.3	14.4	20.2	14.3
	1216	20.3	14.4	20.2	14.3
	1246	20.3	14.3	20.2	14.3
	1316	20.3	14.3	20.2	14.3
	1346	20.3	14.2	20.2	14.2
	1416	20.2	14.1	20.2	14.1
	1446	20.1	14.0	20.1	14.0
	1516	20.0	13.9	20.0	13.9
	1546	19.8	13.5	19.9	13.7
	1616	19.9	13.5	19.9	13.6
	1646	19.9	13.3	19.9	13.3
	1716	19.9	13.1	19.9	13.1
	1746	19.9	13.0	19.9	13.0
	1816	19.9	12.9	19.8	13.0
	1846	19.8	13.0	19.9	13.1
	1916	19.9	13.2	19.9	13.1
	1946	19.8	12.9	19.8	12.9
	2016	19.7	12.9	19.7	12.9
	2046	19.7	12.9	19.7	12.9
	2116	19.8	13.3	19.8	13.3
	2146	19.8	13.4	19.9	13.5
	2216	19.8	13.5	19.8	13.5
	2246	19.8	13.5	19.8	13.6
	2316	19.7	13.5	19.8	13.5
	2346	19.7	13.5	19.7	13.5

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREE OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
10/ 8/72	16	19.7	13.6	19.8	13.5
	46	19.8	13.7	19.7	13.6
	116	19.7	13.6	19.6	13.5
	146	19.7	13.7	19.6	13.6
	216	19.7	13.7	19.7	13.7
	246	19.6	13.7	19.6	13.7
	316	19.3	13.4	19.3	13.5
	346	19.1	13.2	19.3	13.5
	416	19.0	13.4	19.5	13.7
	446	19.3	13.6	19.5	13.7
	516	19.2	13.6	19.6	14.0
	546	19.5	14.2	19.8	14.3
	616	19.4	14.0	19.5	14.1
	646	19.2	13.9	19.3	14.0
	716	19.0	13.8	19.1	13.8
	746	18.9	13.6	18.9	13.6
	816	18.9	13.6	18.9	13.5
	846	18.8	13.6	18.9	13.3
	916	19.1	13.8	19.1	13.6
	946	19.2	13.9	19.2	13.7
	1016	19.0	13.8	19.0	13.5
	1046	19.0	13.6	18.0	13.6
	1116	18.2	13.7	18.1	13.5
	1146	18.6	13.9	18.7	13.9
	1216	19.0	14.0	19.0	13.8
	1246	19.2	14.1	19.2	13.9
	1316	19.2	13.9	19.3	14.1
	1346	18.2	13.5	19.3	14.1
	1416	18.6	13.7	18.6	13.7
	1446	18.7	13.8	19.0	13.8
	1516	19.1	13.7	19.1	13.8
	1546	19.3	13.7	19.3	13.9
	1616	19.5	13.7	19.4	14.1
	1646	19.4	13.8	19.6	14.2
	1716	19.3	13.5	19.5	14.1
	1746	19.1	13.5	19.5	14.0
	1816	19.2	13.5	19.5	13.9
	1846	18.9	13.3	19.5	14.0
	1916	18.9	13.3	19.4	13.9
	1946	19.0	13.4	19.4	13.7
	2016	19.0	13.4	19.4	13.7
	2046	19.0	13.5	19.6	14.1
	2116	19.4	14.2	19.5	14.2
	2146	19.0	14.1	19.1	14.0
	2216	19.2	14.3	19.3	14.2
	2246	19.5	14.3	19.5	14.3
	2316	19.4	14.3	19.5	14.2
	2346	19.3	14.2	19.4	14.1

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREE OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
10/ 9/72	15	19.4	14.3	19.4	14.2
	46	19.3	14.2	19.3	14.1
	116	19.3	14.2	19.4	14.2
	146	19.3	14.3	19.5	14.3
	216	19.2	14.3	19.5	14.2
	246	18.8	14.1	19.5	14.4
	316	18.9	14.1	19.1	14.4
	346	18.8	14.1	19.1	14.2
	416	18.8	14.1	19.1	14.2
	446	18.8	14.1	18.9	14.1
	516	19.0	14.0	18.9	14.0
	546	19.0	14.0	19.0	14.0
	616	19.0	14.0	18.9	13.9
	646	18.9	13.9	18.9	13.9
	716	18.9	13.8	18.9	13.8
	746	18.9	13.8	18.9	13.8
	816	18.9	13.8	18.9	13.8
	846	18.9	13.8	18.9	13.8
	916	18.9	13.8	18.9	13.8
	946	18.8	13.8	18.7	13.8
	1016	18.9	13.8	18.8	13.7
	1046	18.9	13.9	18.9	13.7
	1116	18.7	13.9	18.7	14.0
	1146	18.8	13.9	18.7	13.8
	1216	18.9	14.0	18.9	13.7
	1246	19.0	14.1	18.9	13.7
	1316	19.0	14.1	19.0	13.6
	1346	19.0	14.1	19.0	14.1
	1416	19.0	13.9	18.9	13.7
	1446	19.0	14.0	18.9	14.0
	1516	18.9	14.0	18.9	14.0
	1546	19.0	13.9	18.9	13.9
	1616	19.1	13.9	19.0	13.9
	1646	19.0	13.7	19.0	13.8
	1716	19.0	13.7	19.0	13.8
	1746	19.0	13.7	19.0	13.7
	1816	19.0	13.7	19.1	13.7
	1846	18.6	13.5	18.9	13.7
	1916	18.5	13.6	18.8	13.6
	1946	18.4	13.5	18.8	13.6
	2016	18.5	13.5	18.6	13.5
	2046	18.7	13.6	18.7	13.5
	2116	18.7	13.6	18.7	13.5
	2146	18.7	13.5	18.7	13.5
	2216	18.6	13.5	18.5	13.5
	2246	18.6	13.5	18.6	13.5
	2316	18.6	13.6	18.7	13.6
	2346	18.8	13.7	18.9	13.8

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREE OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
10/10/72	16	18.6	13.8	18.6	13.8
	46	18.7	14.1	18.8	14.2
	116	18.5	13.9	19.2	14.6
	146	18.5	13.8	19.3	14.8
	216	18.5	13.8	18.9	14.4
	246	18.2	13.7	18.5	13.9
	316	18.2	13.8	18.9	14.3
	346	18.2	13.8	18.2	13.8
	416	18.4	13.8	18.3	13.8
	446	18.4	13.7	18.3	13.7
	516	18.2	13.5	18.4	13.6
	546	18.3	13.4	18.4	13.5
	616	18.2	13.4	18.2	13.3
	646	18.1	13.3	18.1	13.2
	716	18.2	13.3	18.1	13.2
	746	18.2	13.3	18.1	13.2
	816	18.0	13.3	18.0	13.1
	846	18.0	13.3	18.0	13.1
	916	18.0	13.2	17.9	13.0
	946	18.0	13.2	17.9	12.9
	1016	18.0	13.3	18.1	13.5
	1046	18.2	13.4	18.3	13.4
	1116	18.2	13.4	18.2	13.3
	1146	18.1	13.5	18.1	13.4
	1216	17.8	13.6	17.7	13.5
	1246	18.4	13.8	18.4	13.9
	1316	18.3	13.7	18.7	14.3
	1346	18.4	13.7	18.7	14.1
	1416	18.4	13.7	18.5	14.2
	1446	18.3	13.6	18.5	14.2
	1516	18.4	13.7	18.8	14.4
	1546	18.5	13.5	18.2	13.7
	1616	18.5	13.6	17.9	13.7
	1646	18.4	13.6	18.4	13.5
	1716	18.5	13.5	18.4	13.5
	1746	18.6	13.5	18.6	13.5
	1816	18.6	13.5	18.6	13.4
	1846	18.5	13.3	18.5	13.3
	1916	18.4	13.2	18.4	13.1
	1946	18.3	13.1	18.3	13.1
	2016	18.2	13.1	18.2	13.1
	2046	18.2	13.1	18.2	13.1
	2116	18.1	13.1	18.2	13.1
	2146	18.1	13.0	18.1	13.0
	2216	18.3	13.2	18.3	13.5
	2246	18.4	13.5	18.5	13.7
	2316	18.3	13.5	18.6	13.9
	2346	18.1	13.4	18.3	13.6

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREE OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
10/11/72	16	17.9	13.4	17.9	13.4
	46	18.5	14.1	18.7	14.1
	116	18.6	14.1	18.7	14.3
	146	18.6	14.1	18.8	14.5
	216	18.5	13.8	18.8	14.6
	246	18.3	13.7	16.4	0.0
	316	18.3	13.7	18.9	14.4
	346	18.5	13.7	18.8	14.7
	416	17.3	13.4	17.5	13.9
	446	17.5	13.4	17.5	13.4
	516	17.8	13.4	17.7	13.4
	546	17.8	13.3	17.8	13.3
	616	17.5	13.1	17.8	13.3
	646	17.5	13.2	17.6	13.2
	716	17.4	13.1	17.4	13.1
	746	17.3	13.0	17.5	13.0
	816	17.6	13.1	17.5	13.1
	846	17.2	12.9	17.5	13.1
	916	17.5	13.0	17.3	13.0
	946	17.6	13.0	17.5	13.0
	1016	17.5	12.8	17.5	12.8
	1046	17.3	13.0	17.6	13.5
	1116	17.6	13.5	18.1	14.1
	1146	17.7	13.3	18.1	14.0
	1216	18.0	13.7	18.1	13.7
	1246	18.1	13.7	18.2	13.8
	1316	18.2	14.1	18.5	14.4
	1346	18.2	13.6	18.6	14.4
	1416	18.4	13.7	18.7	14.8
	1446	18.6	13.8	18.6	14.5
	1516	18.4	13.6	18.8	15.1
	1546	18.5	13.5	18.8	15.2
	1616	18.4	13.5	18.4	14.5
	1646	18.4	13.6	18.3	14.1
	1716	18.4	13.4	18.3	14.1
	1746	18.4	13.3	18.1	13.7
	1816	18.1	13.3	18.0	13.5
	1846	18.0	13.2	18.0	13.3
	1916	17.9	13.1	17.9	13.4
	1946	18.0	13.1	17.7	13.1
	2016	17.9	13.1	17.7	13.2
	2046	17.7	13.0	17.8	13.3
	2116	17.8	13.2	17.9	13.3
	2146	17.8	13.1	18.0	13.4
	2216	17.9	13.3	18.0	13.4
	2246	17.7	12.9	17.9	13.4
	2316	17.5	12.7	17.9	13.3
	2346	17.7	13.0	18.0	13.5

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREE OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
10/12/72	16	17.8	13.2	18.3	14.4
	46	18.0	13.3	18.4	14.5
	116	17.9	13.7	18.3	14.6
	146	18.0	13.7	18.5	15.2
	216	17.9	13.9	18.4	14.9
	246	18.2	14.3	18.5	15.1
	316	18.0	13.7	18.5	15.2
	346	17.6	13.4	18.5	15.1
	416	17.6	13.3	18.6	15.2
	446	17.6	13.4	18.0	13.7
	516	17.5	13.1	18.0	13.5
	546	17.5	12.9	17.7	13.1
	616	17.6	12.9	17.3	12.9
	646	17.1	12.5	17.6	12.8
	716	17.1	12.3	17.7	12.9
	746	17.1	12.0	17.8	13.1
	816	17.1	11.9	17.8	13.1
	846	17.1	12.0	17.9	13.2
	916	17.1	12.0	17.8	13.2
	946	17.1	12.1	18.0	13.4
	1016	17.2	12.1	18.0	13.4
	1046	17.2	12.1	18.1	13.5
	1116	17.3	12.3	18.0	13.4
	1146	17.3	12.1	18.1	13.6
	1216	17.7	12.9	18.2	14.1
	1246	17.7	13.5	18.0	14.1
	1316	17.7	13.5	18.1	14.7
	1346	17.7	13.5	18.1	14.8
	1416	17.8	13.1	18.4	15.5
	1446	18.0	13.5	18.5	15.4
	1516	18.0	13.1	18.1	14.0
	1546	18.0	12.8	18.1	14.2
	1616	18.0	12.8	18.1	14.1
	1646	17.9	12.4	18.0	13.0
	1716	17.8	12.4	18.0	13.1
	1746	17.8	12.1	18.3	15.0
	1816	17.7	12.1	17.7	14.1
	1846	17.7	12.1	17.7	12.7
	1916	17.7	12.1	17.7	12.5
	1946	17.8	12.1	17.7	12.5
	2016	17.8	12.1	17.7	12.7
	2046	17.8	12.0	17.7	12.9
	2116	17.8	12.1	17.7	12.5
	2146	17.8	12.3	17.8	13.3
	2216	17.8	12.3	18.1	13.7
	2246	17.8	12.4	18.1	13.6
	2316	17.6	11.9	17.9	13.1
	2346	17.6	12.0	17.9	13.4

LOCATION 1 PAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREE OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
10/15/72	16	17.8	12.7	18.0	13.4
	46	17.6	11.9	18.1	14.1
	116	17.5	12.1	18.2	14.3
	146	17.7	12.3	18.2	14.7
	216	18.0	12.9	18.2	14.5
	246	17.8	12.5	18.1	14.1
	316	17.8	12.6	18.1	14.5
	346	17.8	12.7	18.3	14.5
	416	17.8	12.7	18.2	14.3
	446	17.6	12.1	18.2	14.4
	516	17.6	12.1	18.3	14.7
	546	17.5	12.1	17.7	12.5
	616	17.5	12.0	17.6	12.2
	646	17.5	12.1	17.7	12.3
	716	17.6	12.2	17.7	12.3
	746	17.5	12.1	17.7	12.3
	816	17.6	12.1	17.7	12.3
	846	17.5	12.0	17.6	12.3
	916	17.4	12.0	17.8	12.6
	946	17.5	12.0	18.0	13.3
	1016	17.5	12.1	18.2	14.2
	1046	17.5	12.1	18.1	13.7
	1116	17.6	12.1	17.9	12.7
	1146	17.6	12.0	18.1	13.8
	1216	17.7	12.1	18.2	14.0
	1246	17.8	12.6	18.1	14.3
	1316	17.9	12.7	18.3	14.6
	1346	18.0	12.8	18.3	14.7
	1416	18.1	12.9	18.3	15.3
	1446	18.2	13.1	18.3	15.5
	1516	18.2	13.2	18.3	15.6
	1546	18.2	13.0	18.2	15.7
	1616	18.2	12.9	18.2	15.5
	1646	18.2	13.0	18.1	14.8
	1716	18.2	12.9	18.0	14.8
	1746	18.4	12.5	18.0	14.5
	1816	18.3	12.6	18.1	15.1
	1846	18.0	13.2	18.1	14.4
	1916	18.2	12.5	18.0	13.7
	1946	18.1	12.3	18.0	13.5
	2016	18.0	12.3	17.9	12.7
	2046	18.0	12.3	17.9	12.6
	2116	18.1	12.3	17.9	12.7
	2146	18.1	12.5	17.9	12.9
	2216	18.0	12.6	18.1	13.3
	2246	18.0	12.8	18.1	13.5
	2316	18.1	13.0	18.1	13.5
	2346	18.0	12.8	18.1	13.2

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREE OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
10/14/72	16	18.0	12.7	18.1	13.4
	46	18.1	13.1	18.1	13.7
	116	18.1	13.2	18.2	14.3
	146	18.1	13.2	18.3	15.0
	216	18.1	13.9	18.2	14.7
	246	18.0	13.7	18.2	15.0
	316	17.9	13.1	18.2	15.2
	346	18.0	13.1	18.2	15.7
	416	18.0	13.5	18.1	15.9
	446	18.0	13.3	18.2	15.7
	516	18.0	13.2	18.2	15.3
	546	18.0	13.2	18.2	15.1
	616	18.0	13.1	18.3	15.2
	646	18.0	13.3	18.3	15.0
	716	18.0	13.2	18.2	14.9
	746	18.0	13.5	18.2	14.7
	816	17.9	13.0	18.1	14.2
	846	18.0	13.3	18.2	13.8
	916	18.0	13.4	18.2	14.1
	946	18.0	13.4	18.2	14.2
	1016	17.8	12.8	18.1	14.0
	1046	17.9	12.9	18.1	13.7
	1116	17.9	12.9	18.1	13.7
	1146	17.9	12.7	18.1	13.4
	1216	17.9	12.7	18.1	13.6
	1246	17.9	12.9	18.1	13.7
	1316	18.1	13.0	18.2	14.4
	1346	18.2	13.1	18.2	15.3
	1416	18.2	13.5	18.2	15.3
	1446	18.3	13.6	18.2	15.2
	1516	18.2	13.6	18.1	15.3
	1546	18.2	13.4	18.1	15.7
	1616	18.2	13.5	18.1	15.5
	1646	18.2	13.5	18.1	15.7
	1716	18.3	13.1	18.1	15.6
	1746	18.6	13.0	18.1	15.4
	1816	18.5	13.0	18.2	15.3
	1846	18.2	14.2	18.2	15.2
	1916	18.3	13.5	18.2	15.1
	1946	18.4	13.1	18.2	15.0
	2016	18.4	13.0	18.2	14.4
	2046	18.4	13.1	18.3	13.1
	2116	18.3	12.9	18.2	13.3
	2146	18.2	12.8	18.3	13.2
	2216	18.3	12.7	18.2	13.7
	2246	18.4	12.6	18.2	14.3
	2316	18.4	12.6	18.2	14.5
	2346	18.5	12.6	18.2	14.5

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREE OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
10/15/72	16	18.4	12.6	18.2	14.5
	46	18.5	12.5	18.1	14.6
	116	18.4	12.1	18.2	14.5
	146	18.4	12.5	18.2	14.0
	216	18.4	12.5	18.1	14.5
	246	18.4	12.5	18.1	14.8
	316	18.4	12.9	18.1	14.7
	346	18.4	12.7	18.1	14.6
	416	18.4	12.7	18.1	14.8
	446	18.2	12.4	18.2	14.7
	516	18.2	12.4	18.3	13.9
	546	18.2	12.3	18.2	14.0
	616	18.2	12.3	18.1	12.3
	646	18.2	12.3	18.1	12.2
	716	18.2	12.3	18.1	12.2
	746	18.1	12.2	18.1	12.1
	816	18.1	12.1	18.1	11.9
	846	18.0	11.9	18.0	12.0
	916	17.9	11.9	18.0	12.5
	946	17.8	11.8	17.9	13.0
	1016	17.8	12.0	17.9	12.2
	1046	17.8	11.9	17.9	11.9
	1116	17.8	11.9	17.9	12.6
	1146	17.8	12.1	17.8	12.8
	1216	17.8	12.1	17.8	12.5
	1246	17.8	12.1	17.8	12.1
	1316	17.9	12.3	17.9	12.5
	1346	17.9	12.5	17.9	12.5
	1416	17.9	12.3	17.9	12.2
	1446	17.9	12.3	17.9	13.2
	1516	17.9	12.3	17.9	13.0
	1546	17.9	12.3	17.9	12.7
	1616	17.9	12.1	17.9	12.9
	1646	17.9	12.5	17.9	12.6
	1716	17.9	12.6	17.9	12.7
	1746	17.8	12.5	17.9	13.1
	1816	17.7	12.3	17.9	13.8
	1846	17.7	12.3	17.9	13.9
	1916	17.7	12.5	17.7	12.5
	1946	17.8	12.5	17.8	12.9
	2016	17.9	12.8	17.8	13.1
	2046	17.6	12.5	17.8	13.2
	2116	17.9	12.7	17.8	13.3
	2146	17.9	13.0	17.8	13.3
	2216	17.9	13.0	17.9	13.2
	2246	17.4	12.7	17.8	13.0
	2316	17.8	12.9	17.8	12.9
	2346	17.3	12.4	17.9	12.8

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREE OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
12/ 4/72	1323	8.9	13.0	8.4	13.5
	1352	9.2	12.2	8.5	13.6
	1422	9.7	12.1	8.4	14.4
	1452	9.3	11.8	8.2	12.4
	1522	9.1	12.0	8.2	12.8
	1552	8.8	12.0	8.3	13.2
	1622	8.7	12.1	8.3	13.1
	1652	8.9	12.1	8.3	13.1
	1722	8.8	12.1	8.4	13.5
	1752	8.8	12.1	8.4	14.0
	1822	8.8	12.1	8.4	14.0
	1852	9.2	12.1	8.4	13.9
	1922	9.1	12.7	8.4	13.5
	1952	9.0	14.2	8.4	13.8
	2022	9.1	14.0	8.4	13.8
	2052	9.1	13.6	8.4	13.7
	2122	8.9	13.2	8.4	13.9
	2152	9.1	12.7	8.4	14.1
	2222	9.1	12.7	8.4	14.2
	2252	9.0	12.8	8.4	14.3
	2322	9.0	13.0	8.4	14.3
	2352	9.1	13.1	8.4	14.4

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREE OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
12/ 5/72	22	9.1	12.5	8.4	14.3
	52	9.1	13.0	8.4	14.4
	122	9.1	12.6	8.4	14.4
	152	9.1	12.6	8.4	14.0
	222	9.0	12.5	8.4	13.7
	252	8.9	12.2	8.4	14.5
	322	9.0	11.9	8.4	14.3
	352	8.8	12.0	8.4	14.5
	422	8.8	11.6	8.4	13.7
	452	8.7	11.6	8.4	13.8
	522	8.9	11.8	8.5	14.4
	552	8.9	11.6	8.4	14.4
	622	8.8	11.9	8.4	14.3
	652	8.8	12.0	8.4	14.2
	722	8.9	12.2	8.4	13.9
	752	8.9	12.6	8.4	13.9
	822	8.8	12.8	8.4	13.5
	852	8.8	12.4	8.4	13.7
	922	8.9	12.6	8.4	13.8
	952	8.8	12.6	8.4	14.5
	1022	8.9	12.6	8.4	13.9
	1052	9.1	12.4	8.5	14.0
	1122	8.9	12.7	8.5	14.2
	1152	9.0	12.4	8.6	14.1
	1222	9.3	11.9	8.5	14.1
	1252	9.3	11.9	8.4	14.6
	1322	9.4	12.6	8.4	14.6
	1352	9.1	12.7	8.5	14.5
	1422	9.6	12.0	8.4	14.5
	1452	9.7	11.7	8.5	12.7
	1522	10.0	11.6	8.4	12.8
	1552	9.8	11.6	8.4	13.3
	1622	9.3	12.4	12.5	13.7
	1652	9.2	12.0	8.4	13.8
	1722	9.3	11.9	8.4	13.5
	1752	9.4	11.8	8.4	13.9
	1822	9.5	11.6	8.4	13.9
	1852	9.2	11.9	8.4	14.3
	1922	9.1	12.6	8.5	14.1
	1952	9.3	12.0	8.5	13.7
	2022	9.1	13.7	8.4	13.4
	2052	9.3	14.0	8.4	14.0
	2122	9.1	14.5	8.5	14.1
	2152	9.3	13.8	8.5	14.2
	2222	9.3	13.9	8.5	14.2
	2252	9.1	14.4	8.4	14.2
	2322	9.3	12.4	8.4	14.3
	2352	9.1	13.8	8.4	14.5

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREE OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
12/ 6/72	22			8.4	14.4
	52			8.4	14.3
	122			8.4	14.4
	152			8.4	14.4
	222			8.4	14.4
	252			8.4	14.5
	322			8.4	14.5
	352			8.6	13.0
	422			8.5	14.5
	452			8.5	14.5
	522			8.4	13.3
	552			8.4	14.1
	622			8.4	14.4
	652			8.3	14.3
	722			8.5	14.3
	752			8.5	14.1
	822			8.1	13.4
	852			8.3	13.3
	922			8.4	13.1
	952			8.4	13.2
	1022			8.4	13.5
	1052			8.4	14.3
	1122			8.4	13.9
	1152			8.2	14.4
	1222			8.5	14.7
	1252			8.5	14.5
	1322			8.4	14.5
	1352			8.4	14.5
	1422			8.4	14.5
	1452			8.3	14.2
	1522			8.3	14.3
	1552			8.2	14.2
	1622			8.9	12.9
	1652			9.1	12.8
	1722			9.3	12.6
	1752			9.4	12.5
	1822			9.5	12.3
	1852			8.7	13.8
	1922			8.6	13.9
	1952			8.6	13.9
	2022			8.7	13.7
	2052			8.3	13.3
	2122			8.5	13.8
	2152			8.6	13.9
	2222			8.5	13.9
	2252			8.6	13.8
	2322			8.6	13.8
	2352			8.5	14.2

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREE OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
12/ 7/72	22			8.6	14.0
	52			8.5	14.1
	122			9.0	13.1
	152			9.4	12.1
	222			9.1	12.3
	252			9.0	12.1
	322			9.1	12.1
	352			9.1	12.3
	422			8.7	12.9
	452			9.1	12.5
	522			9.0	12.3
	552			8.7	12.2
	622			8.9	12.2
	652			8.9	12.3
	722			8.6	13.7
	752			8.6	13.6
	822			8.7	13.7
	852			8.6	13.6
	922			8.6	13.7
	952			8.6	13.8
	1022			8.6	13.8
	1052			8.5	13.8
	1122			8.5	13.7
	1152			8.4	14.3
	1222			8.3	14.3
	1252			7.8	13.8

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREE OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
12/12/72	1214	0.0	0.0	8.8	13.3
	1243	0.0	0.0	8.7	13.5
	1313	0.0	0.0	8.8	13.2
	1343	0.0	0.0	8.8	13.1
	1413	0.0	0.0	8.7	13.3
	1443	0.0	0.0	8.8	13.4
	1513	0.0	0.0	8.7	13.5
	1543	0.0	0.0	8.7	13.7
	1613	0.0	0.0	8.6	14.0
	1643	0.0	0.0	8.6	13.9
	1713	0.0	0.0	8.7	13.7
	1743	0.0	0.0	8.7	13.4
	1813	0.0	0.0	8.8	13.2
	1843	0.0	0.0	8.8	12.9
	1913	0.0	0.0	8.8	13.0
	1943	0.0	0.0	8.8	12.8
	2013	0.0	0.0	8.8	12.4
	2043	0.0	0.0	8.8	12.2
	2113	0.0	0.0	8.8	12.1
	2143	0.0	0.0	8.7	12.1
	2213	0.0	0.0	8.7	13.4
	2243	0.0	0.0	8.7	13.5
	2313	0.0	0.0	8.8	13.3
	2343	0.0	0.0	8.8	13.3

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREE OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
12/15/72	13	0.0	0.0	8.8	13.3
	43	0.0	0.0	8.8	13.1
	113	0.0	0.0	8.8	13.2
	143	0.0	0.0	8.8	13.2
	213	0.0	0.0	8.8	13.1
	243	0.0	0.0	8.8	12.8
	313	0.0	0.0	8.8	13.4
	343	0.0	0.0	8.7	13.7
	413	0.0	0.0	8.6	13.7
	443	0.0	0.0	8.7	13.7
	513	0.0	0.0	8.7	13.7
	543	0.0	0.0	8.7	13.7
	613	0.0	0.0	8.7	13.7
	643	0.0	0.0	8.7	13.7
	713	0.0	0.0	8.7	13.5
	743	0.0	0.0	8.8	13.1
	813	0.0	0.0	8.7	12.7
	843	0.0	0.0	8.8	13.0
	913	0.0	0.0	8.6	11.8
	943	0.0	0.0	8.6	11.9
	1013	0.0	0.0	8.8	13.1
	1043	0.0	0.0	8.8	13.0
	1113	0.0	0.0	8.8	12.9
	1143	0.0	0.0	8.8	13.4
	1213	0.0	0.0	8.8	13.4
	1243	0.0	0.0	8.7	12.8
	1313	0.0	0.0	8.7	12.5
	1343	0.0	0.0	8.8	12.8
	1413	0.0	0.0	8.8	12.9
	1443	0.0	0.0	8.8	13.3
	1513	0.0	0.0	8.8	13.5
	1543	0.0	0.0	8.8	13.3
	1613	0.0	0.0	8.8	13.2
	1643	0.0	0.0	8.8	13.5
	1713	0.0	0.0	8.7	13.6
	1743	0.0	0.0	8.8	13.4
	1813	0.0	0.0	8.8	13.4
	1843	0.0	0.0	8.8	13.6
	1913	0.0	0.0	8.8	13.4
	1943	0.0	0.0	8.8	13.4
	2013	0.0	0.0	9.0	11.7
	2043	0.0	0.0	9.1	11.5
	2113	0.0	0.0	8.9	11.6
	2143	0.0	0.0	8.9	11.7
	2213	0.0	0.0	8.7	13.7
	2243	0.0	0.0	8.8	13.4
	2313	0.0	0.0	8.7	13.5
	2343	0.0	0.0	8.8	13.5

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREE OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
12/14/72	13	0.0	0.0	8.7	13.5
	43	0.0	0.0	8.7	13.6
	113	0.0	0.0	8.8	13.6
	143	0.0	0.0	8.8	13.5
	213	0.0	0.0	8.8	13.5
	243	0.0	0.0	8.8	12.9
	313	0.0	0.0	8.7	12.9
	343	0.0	0.0	8.7	12.8
	413	0.0	0.0	8.6	13.1
	443	0.0	0.0	8.6	13.3
	513	0.0	0.0	8.6	13.3
	543	0.0	0.0	8.6	13.3
	613	0.0	0.0	8.7	13.5
	643	0.0	0.0	8.6	13.4
	713	0.0	0.0	8.7	13.4
	743	0.0	0.0	8.6	13.7
	813	0.0	0.0	8.8	12.7
	843	0.0	0.0	8.8	12.3
	913	0.0	0.0	8.8	12.3
	943	0.0	0.0	8.7	12.1
	1013	0.0	0.0	8.6	11.9
	1043	0.0	0.0	8.6	11.7
	1113	0.0	0.0	8.7	13.5
	1143	0.0	0.0	8.7	12.3
	1213	0.0	0.0	8.8	12.4
	1243	0.0	0.0	8.7	13.4
	1313	0.0	0.0	8.7	13.3
	1343	0.0	0.0	8.7	13.3
	1413	0.0	0.0	8.7	13.3
	1443	0.0	0.0	8.8	12.9
	1513	0.0	0.0	8.8	13.0
	1543	0.0	0.0	8.7	13.2
	1613	0.0	0.0	8.8	13.4
	1643	0.0	0.0	8.8	13.4
	1713	0.0	0.0	8.8	13.4
	1743	0.0	0.0	8.8	13.5
	1813	0.0	0.0	8.8	13.5
	1843	0.0	0.0	8.7	13.5
	1913	0.0	0.0	8.7	13.5
	1943	0.0	0.0	8.8	13.1
	2013	0.0	0.0	8.8	13.0
	2043	0.0	0.0	8.7	13.3
	2113	0.0	0.0	8.6	11.5
	2143	0.0	0.0	8.5	11.5
	2213	0.0	0.0	8.6	11.2
	2243	0.0	0.0	8.6	11.5
	2313	0.0	0.0	8.6	11.7
	2343	0.0	0.0	8.7	11.9

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,
 LATITUDE 37.37.07N, LONGITUDE 76.25.45W
 TEMP. IN DEGREE OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
12/15/72	13	0.0	0.0	8.7	12.0
	43	0.0	0.0	8.7	12.5
	113	0.0	0.0	8.7	12.4
	143	0.0	0.0	8.7	12.1
	213	0.0	0.0	8.6	11.8
	243	0.0	0.0	8.7	12.3
	313	0.0	0.0	8.6	12.3
	343	0.0	0.0	8.6	12.3
	413	0.0	0.0	8.7	12.7
	443	0.0	0.0	8.7	12.9
	513	0.0	0.0	8.7	12.9
	543	0.0	0.0	8.6	13.0
	613	0.0	0.0	8.7	12.8
	643	0.0	0.0	8.7	13.0
	713	0.0	0.0	8.6	13.0
	743	0.0	0.0	8.7	12.9
	813	0.0	0.0	8.7	12.7
	843	0.0	0.0	8.7	12.5
	913	0.0	0.0	8.7	12.5
	943	0.0	0.0	8.7	13.3
	1013	0.0	0.0	8.6	12.3
	1043	0.0	0.0	8.7	12.7
	1113	0.0	0.0	8.7	12.6
	1143	0.0	0.0	8.6	12.1
	1213	0.0	0.0	8.6	12.3
	1243	0.0	0.0	8.6	12.7
	1313	0.0	0.0	8.7	12.5
	1343	0.0	0.0	8.8	13.0
	1413	0.0	0.0	8.8	13.2
	1443	0.0	0.0	8.7	13.2
	1513	0.0	0.0	8.7	13.1
	1543	0.0	0.0	8.6	12.9
	1613	0.0	0.0	8.7	13.0
	1643	0.0	0.0	8.7	13.1
	1713	0.0	0.0	8.7	13.1
	1743	0.0	0.0	8.7	13.1
	1813	0.0	0.0	8.7	13.2
	1843	0.0	0.0	8.7	13.2
	1913	0.0	0.0	8.8	13.3
	1943	0.0	0.0	8.7	13.3
	2013	0.0	0.0	8.7	13.2
	2043	0.0	0.0	8.6	12.9
	2113	0.0	0.0	8.6	12.7
	2143	0.0	0.0	8.7	13.0
	2213	0.0	0.0	8.4	11.9
	2243	0.0	0.0	8.4	11.9
	2313	0.0	0.0	8.4	11.6
	2343	0.0	0.0	8.4	11.5

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREE OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
12/15/72	13	0.0	0.0	8.4	11.4
	43	0.0	0.0	8.3	11.4
	113	0.0	0.0	8.6	12.8
	143	0.0	0.0	8.6	12.4
	213	0.0	0.0	8.5	12.2
	243	0.0	0.0	8.5	12.0
	313	0.0	0.0	8.5	11.9
	343	0.0	0.0	8.4	11.9
	413	0.0	0.0	8.4	12.1
	443	0.0	0.0	8.4	12.1
	513	0.0	0.0	8.2	11.9
	543	0.0	0.0	8.4	12.1
	613	0.0	0.0	8.3	12.1
	643	0.0	0.0	8.5	12.8
	713	0.0	0.0	8.5	13.0
	743	0.0	0.0	8.5	13.1
	813	0.0	0.0	8.5	13.1
	843	0.0	0.0	8.5	13.1
	913	0.0	0.0	8.4	13.0
	943	0.0	0.0	7.9	10.9
	1013	0.0	0.0	7.9	10.9
	1043	0.0	0.0	7.8	10.7
	1113	0.0	0.0	7.8	10.7
	1143	0.0	0.0	7.7	10.5
	1213	0.0	0.0	7.9	11.0
	1243	0.0	0.0	7.9	11.1
	1313	0.0	0.0	7.8	11.0
	1343	0.0	0.0	7.8	11.0
	1413	0.0	0.0	7.8	10.9
	1443	0.0	0.0	7.7	10.7
	1513	0.0	0.0	7.6	10.7
	1543	0.0	0.0	7.6	10.4
	1613	0.0	0.0	7.6	10.3
	1643	0.0	0.0	7.5	10.3
	1713	0.0	0.0	7.6	10.8
	1743	0.0	0.0	7.6	10.8
	1813	0.0	0.0	7.4	10.4
	1843	0.0	0.0	7.4	10.5
	1913	0.0	0.0	7.3	10.5
	1943	0.0	0.0	7.3	10.5
	2013	0.0	0.0	7.3	10.7
	2043	0.0	0.0	7.2	10.5
	2113	0.0	0.0	7.1	10.5
	2143	0.0	0.0	7.0	10.7
	2213	0.0	0.0	7.0	10.9
	2243	0.0	0.0	6.9	10.9
	2313	0.0	0.0	6.8	10.9
	2343	0.0	0.0	6.8	10.9

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREE OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
12/17/72	13	0.0	0.0	7.4	11.7
	43	0.0	0.0	7.1	11.4
	113	0.0	0.0	7.2	11.5
	143	0.0	0.0	7.1	11.4
	213	0.0	0.0	7.0	11.3
	243	0.0	0.0	6.9	11.2
	313	0.0	0.0	6.8	11.2
	343	0.0	0.0	7.0	11.3
	413	0.0	0.0	7.1	11.4
	443	0.0	0.0	7.0	11.4
	513	0.0	0.0	7.0	11.5
	543	0.0	0.0	7.0	11.5
	613	0.0	0.0	6.6	11.4
	643	0.0	0.0	6.9	11.5
	713	0.0	0.0	6.9	11.5
	743	0.0	0.0	6.8	11.5
	813	0.0	0.0	6.8	11.5
	843	0.0	0.0	6.8	11.6
	913	0.0	0.0	7.1	11.7
	943	0.0	0.0	6.7	11.6
	1012	0.0	0.0	6.6	11.6
	1042	0.0	0.0	6.4	11.5
	1112	0.0	0.0	6.1	11.3
	1142	0.0	0.0	6.1	11.2
	1212	0.0	0.0	6.2	11.2
	1242	0.0	0.0	6.2	11.3
	1312	0.0	0.0	5.5	10.9
	1342	0.0	0.0	6.3	11.1
	1412	0.0	0.0	6.3	11.2
	1442	0.0	0.0	6.6	11.3
	1512	0.0	0.0	6.7	11.4
	1542	0.0	0.0	6.8	11.5
	1612	0.0	0.0	6.8	11.5
	1642	0.0	0.0	6.6	11.4
	1712	0.0	0.0	6.8	11.5
	1742	0.0	0.0	6.8	11.6
	1812	0.0	0.0	6.8	11.7
	1842	0.0	0.0	6.8	11.7
	1912	0.0	0.0	6.6	11.6
	1942	0.0	0.0	6.6	11.5
	2012	0.0	0.0	6.6	11.5
	2042	0.0	0.0	6.6	11.5
	2112	0.0	0.0	6.8	11.6
	2142	0.0	0.0	6.6	11.5
	2212	0.0	0.0	6.6	11.5
	2242	0.0	0.0	6.6	11.5
	2312	0.0	0.0	6.3	11.5
	2342	0.0	0.0	6.5	11.6

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREE OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
12/18/72	12	0.0	0.0	6.5	11.7
	42	0.0	0.0	6.5	11.6
	112	0.0	0.0	6.4	11.7
	142	0.0	0.0	6.3	11.6
	212	0.0	0.0	6.3	11.5
	242	0.0	0.0	6.3	11.5
	312	0.0	0.0	6.6	11.7
	342	0.0	0.0	6.5	11.7
	412	0.0	0.0	6.3	11.7
	442	0.0	0.0	6.4	11.7
	512	0.0	0.0	6.3	11.6
	542	0.0	0.0	6.3	11.6
	612	0.0	0.0	6.3	11.6
	642	0.0	0.0	6.3	11.6
	712	0.0	0.0	6.4	11.7
	742	0.0	0.0	6.5	11.7
	812	0.0	0.0	6.6	11.7
	842	0.0	0.0	6.5	11.8
	912	0.0	0.0	6.5	11.9
	942	0.0	0.0	6.7	12.0
	1012	0.0	0.0	6.7	12.0
	1042	0.0	0.0	6.6	12.0
	1112	0.0	0.0	6.5	11.9
	1142	0.0	0.0	6.5	11.8
	1212	0.0	0.0	6.4	11.9
	1242	0.0	0.0	6.5	12.0
	1312	0.0	0.0	6.5	12.0
	1342	0.0	0.0	6.5	11.9
	1412	0.0	0.0	6.4	11.7
	1442	0.0	0.0	6.2	11.6
	1512	0.0	0.0	5.9	11.5
	1542	0.0	0.0	5.7	11.4
	1612	0.0	0.0	5.6	11.4
	1642	0.0	0.0	6.2	11.5
	1712	0.0	0.0	6.2	11.6
	1742	0.0	0.0	6.0	11.5
	1812	0.0	0.0	5.9	11.7
	1842	0.0	0.0	6.2	11.7
	1912	0.0	0.0	6.2	11.7
	1942	0.0	0.0	6.0	11.7
	2012	0.0	0.0	6.0	11.7
	2042	0.0	0.0	6.0	11.7
	2112	0.0	0.0	6.0	11.8
	2142	0.0	0.0	6.0	11.7
	2212	0.0	0.0	6.1	11.8
	2242	0.0	0.0	6.1	11.8
	2312	0.0	0.0	6.0	11.7
	2342	0.0	0.0	5.9	11.7

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREE OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
12/19/72	1258	0.0	0.0	6.0	12.2
	1258	0.0	0.0	6.1	12.3
	1327	0.0	0.0	6.0	12.1
	1357	0.0	0.0	6.0	12.1
	1427	0.0	0.0	5.9	11.8
	1457	0.0	0.0	6.0	11.9
	1527	0.0	0.0	5.9	11.8
	1557	0.0	0.0	5.9	11.5
	1627	0.0	0.0	5.8	11.5
	1657	0.0	0.0	5.8	11.5
	1727	0.0	0.0	6.0	11.8
	1757	0.0	0.0	6.0	11.7
	1827	0.0	0.0	5.9	11.5
	1857	0.0	0.0	5.9	11.8
	1927	0.0	0.0	5.9	11.8
	1957	0.0	0.0	5.8	11.6
	2027	0.0	0.0	5.9	11.6
	2057	0.0	0.0	5.9	11.7
	2127	0.0	0.0	5.9	11.7
	2157	0.0	0.0	5.9	11.7
	2227	0.0	0.0	6.0	11.8
	2257	0.0	0.0	6.0	11.8
	2327	0.0	0.0	5.9	11.7
	2357	0.0	0.0	6.0	11.9

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREE OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
12/19/72	12	0.0	0.0	5.9	11.7
	42	0.0	0.0	5.9	11.7
	112	0.0	0.0	6.2	11.9
	142	0.0	0.0	6.0	11.8
	212	0.0	0.0	6.1	11.7
	242	0.0	0.0	6.0	11.7
	312	0.0	0.0	6.0	11.6
	342	0.0	0.0	5.8	11.4
	412	0.0	0.0	5.6	11.3
	442	0.0	0.0	5.7	11.4
	512	0.0	0.0	5.6	11.5
	542	0.0	0.0	5.6	11.4
	612	0.0	0.0	5.3	11.4
	642	0.0	0.0	5.7	11.7
	712	0.0	0.0	5.6	11.6
	742	0.0	0.0	5.6	11.5
	812	0.0	0.0	5.5	11.7
	842	0.0	0.0	5.6	11.8
	912	0.0	0.0	5.6	12.0
	942	0.0	0.0	5.6	11.9
	1012	0.0	0.0	5.6	11.9
	1042	0.0	0.0	5.6	11.9
	1112	0.0	0.0	5.7	11.9
	1142	0.0	0.0	5.6	11.9
	1212	0.0	0.0	5.6	11.8
	1224	0.0	0.0	5.7	11.9

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREE OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
12/29/72	27	0.0	0.0	5.9	12.1
	57	0.0	0.0	5.9	11.9
	127	0.0	0.0	5.9	11.9
	157	0.0	0.0	5.9	11.9
	227	0.0	0.0	5.9	11.9
	257	0.0	0.0	6.0	11.9
	327	0.0	0.0	6.0	11.8
	357	0.0	0.0	5.9	11.7
	427	0.0	0.0	5.9	11.5
	457	0.0	0.0	6.0	11.7
	527	0.0	0.0	5.9	11.7
	557	0.0	0.0	5.8	11.7
	627	0.0	0.0	5.8	11.8
	657	0.0	0.0	5.9	11.8
	727	0.0	0.0	5.9	11.8
	757	0.0	0.0	5.8	11.9
	827	0.0	0.0	5.8	12.0
	857	0.0	0.0	5.9	12.0
	927	0.0	0.0	5.9	12.0
	957	0.0	0.0	5.9	12.0
	1027	0.0	0.0	5.9	11.9
	1057	0.0	0.0	5.9	12.1
	1127	0.0	0.0	5.9	12.3
	1157	0.0	0.0	6.0	12.0
	1227	0.0	0.0	6.0	12.0
	1257	0.0	0.0	6.0	11.8
	1327	0.0	0.0	6.0	11.9
	1357	0.0	0.0	6.0	11.9
	1427	0.0	0.0	6.0	11.9
	1457	0.0	0.0	5.9	12.1
	1527	0.0	0.0	6.0	12.0
	1557	0.0	0.0	6.1	11.8
	1627	0.0	0.0	6.2	11.5
	1657	0.0	0.0	6.2	11.5
	1727	0.0	0.0	6.2	11.4
	1757	0.0	0.0	6.1	11.5
	1827	0.0	0.0	6.1	11.7
	1857	0.0	0.0	6.1	11.7
	1927	0.0	0.0	6.2	11.6
	1957	0.0	0.0	6.6	11.7
	2027	0.0	0.0	6.4	11.7
	2057	0.0	0.0	6.2	11.6
	2127	0.0	0.0	6.3	11.6
	2157	0.0	0.0	6.3	11.7
	2227	0.0	0.0	6.3	11.8
	2257	0.0	0.0	6.3	11.8
	2327	0.0	0.0	6.3	11.8
	2357	0.0	0.0	6.2	11.9

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREE OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
12/21/72	27	0.0	0.0	6.2	11.8
	57	0.0	0.0	6.1	12.0
	127	0.0	0.0	6.0	12.1
	157	0.0	0.0	6.0	12.2
	227	0.0	0.0	6.0	12.2
	257	0.0	0.0	5.9	12.4
	327	0.0	0.0	6.0	12.2
	357	0.0	0.0	6.0	12.2
	427	0.0	0.0	6.1	12.1
	457	0.0	0.0	6.2	11.9
	527	0.0	0.0	6.2	11.7
	557	0.0	0.0	6.2	11.6
	627	0.0	0.0	6.1	12.1
	657	0.0	0.0	6.1	12.0
	727	0.0	0.0	6.2	11.9
	757	0.0	0.0	6.2	11.6
	827	0.0	0.0	6.2	11.4
	857	0.0	0.0	6.2	11.9
	927	0.0	0.0	6.2	11.8
	957	0.0	0.0	6.2	12.0
	1027	0.0	0.0	6.3	12.0
	1057	0.0	0.0	6.4	11.5
	1127	0.0	0.0	6.3	12.1
	1157	0.0	0.0	6.2	12.2
	1227	0.0	0.0	6.1	12.4
	1257	0.0	0.0	6.0	12.5
	1327	0.0	0.0	6.1	12.2
	1357	0.0	0.0	6.0	12.5
	1427	0.0	0.0	6.0	12.5
	1457	0.0	0.0	6.0	12.3
	1527	0.0	0.0	6.0	12.4
	1557	0.0	0.0	6.0	12.5
	1627	0.0	0.0	6.0	12.3
	1657	0.0	0.0	6.0	12.2
	1727	0.0	0.0	6.1	12.0
	1757	0.0	0.0	6.2	11.7
	1827	0.0	0.0	6.3	11.6
	1857	0.0	0.0	6.4	11.5
	1927	0.0	0.0	6.1	12.1
	1957	0.0	0.0	6.2	11.9
	2027	0.0	0.0	6.3	11.9
	2057	0.0	0.0	6.4	11.7
	2127	0.0	0.0	6.4	11.9
	2157	0.0	0.0	6.4	11.5
	2227	0.0	0.0	6.3	11.7
	2257	0.0	0.0	6.3	12.0
	2327	0.0	0.0	6.3	12.0
	2357	0.0	0.0	6.2	12.4

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREE OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
12/22/72	27	0.0	0.0	6.2	12.5
	57	0.0	0.0	6.2	12.6
	127	0.0	0.0	6.2	12.7
	157	0.0	0.0	6.2	12.4
	227	0.0	0.0	6.2	12.2
	257	0.0	0.0	6.2	12.7
	327	0.0	0.0	6.2	12.5
	357	0.0	0.0	6.2	12.1
	427	0.0	0.0	6.3	12.0
	457	0.0	0.0	6.2	12.1
	527	0.0	0.0	6.2	12.1
	557	0.0	0.0	6.2	12.1
	627	0.0	0.0	6.4	11.6
	657	0.0	0.0	6.2	12.2
	727	0.0	0.0	6.2	12.3
	757	0.0	0.0	6.2	12.5
	827	0.0	0.0	6.3	12.3
	857	0.0	0.0	6.4	12.2
	927	0.0	0.0	6.5	12.2
	957	0.0	0.0	6.5	11.9
	1027	0.0	0.0	6.4	11.9
	1057	0.0	0.0	6.3	12.1
	1127	0.0	0.0	6.3	12.4
	1157	0.0	0.0	6.3	12.3
	1227	0.0	0.0	6.4	12.3
	1257	0.0	0.0	6.3	12.3
	1327	0.0	0.0	6.3	12.6
	1357	0.0	0.0	6.3	12.6
	1427	0.0	0.0	6.3	12.4
	1457	0.0	0.0	6.2	12.7
	1527	0.0	0.0	6.3	12.7
	1557	0.0	0.0	6.4	12.3
	1627	0.0	0.0	6.4	12.2
	1657	0.0	0.0	6.3	12.3
	1727	0.0	0.0	6.4	11.9
	1757	0.0	0.0	6.4	11.9
	1827	0.0	0.0	6.4	11.8
	1857	0.0	0.0	6.4	11.7
	1927	0.0	0.0	6.5	11.6
	1957	0.0	0.0	6.4	11.8
	2027	0.0	0.0	6.4	11.9
	2057	0.0	0.0	6.4	11.9
	2127	0.0	0.0	6.4	11.8
	2157	0.0	0.0	6.6	11.7
	2227	0.0	0.0	6.8	11.7
	2257	0.0	0.0	6.7	11.8
	2327	0.0	0.0	6.6	11.8
	2357	0.0	0.0	6.5	12.0

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREE OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
12/23/72	27	0.0	0.0	6.4	12.2
	57	0.0	0.0	6.4	12.4
	127	0.0	0.0	6.4	12.6
	157	0.0	0.0	6.4	12.8
	227	0.0	0.0	6.3	12.8
	257	0.0	0.0	6.4	12.7
	327	0.0	0.0	6.4	12.4
	357	0.0	0.0	6.4	12.3
	427	0.0	0.0	6.4	12.5
	457	0.0	0.0	6.4	12.1
	527	0.0	0.0	6.6	12.0
	557	0.0	0.0	6.6	11.6
	527	0.0	0.0	6.6	11.4
	657	0.0	0.0	6.5	11.9
	727	0.0	0.0	6.5	11.2
	757	0.0	0.0	6.5	11.2
	827	0.0	0.0	6.5	12.1
	857	0.0	0.0	6.4	12.2
	927	0.0	0.0	6.5	12.1
	957	0.0	0.0	6.5	11.9
	1027	0.0	0.0	6.6	11.7
	1057	0.0	0.0	6.7	11.6
	1127	0.0	0.0	6.6	11.6
	1157	0.0	0.0	6.5	11.9
	1227	0.0	0.0	6.5	12.1
	1257	0.0	0.0	6.4	12.5
	1327	0.0	0.0	6.4	12.8
	1357	0.0	0.0	6.4	12.9
	1427	0.0	0.0	6.4	12.5
	1457	0.0	0.0	6.4	12.2
	1527	0.0	0.0	6.5	11.5
	1557	0.0	0.0	6.5	11.5
	1627	0.0	0.0	6.6	11.5
	1657	0.0	0.0	6.5	11.6
	1727	0.0	0.0	6.5	11.4
	1757	0.0	0.0	6.6	11.3
	1827	0.0	0.0	6.6	11.2
	1857	0.0	0.0	6.5	11.1
	1927	0.0	0.0	6.5	11.2
	1957	0.0	0.0	6.6	11.1
	2027	0.0	0.0	6.5	11.1
	2057	0.0	0.0	6.5	12.2
	2127	0.0	0.0	6.5	12.1
	2157	0.0	0.0	6.4	12.3
	2227	0.0	0.0	6.5	12.2
	2257	0.0	0.0	6.4	12.1
	2327	0.0	0.0	6.4	12.0
	2357	0.0	0.0	6.4	11.9

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREE OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
12/24/72	27	0.0	0.0	6.5	11.9
	57	0.0	0.0	6.4	12.0
	127	0.0	0.0	6.5	12.3
	157	0.0	0.0	6.5	12.4
	227	0.0	0.0	6.5	12.5
	257	0.0	0.0	6.4	12.4
	327	0.0	0.0	6.4	12.3
	357	0.0	0.0	6.4	12.2
	427	0.0	0.0	6.5	11.9
	457	0.0	0.0	6.5	12.1
	527	0.0	0.0	6.5	12.4
	557	0.0	0.0	6.4	11.3
	627	0.0	0.0	6.4	11.1
	657	0.0	0.0	6.4	11.0
	727	0.0	0.0	6.5	10.7
	757	0.0	0.0	6.4	12.3
	827	0.0	0.0	6.4	12.2
	857	0.0	0.0	6.5	12.3
	927	0.0	0.0	6.5	12.3
	957	0.0	0.0	6.4	12.4
	1027	0.0	0.0	6.4	12.3
	1057	0.0	0.0	6.4	12.1
	1127	0.0	0.0	6.5	11.9
	1157	0.0	0.0	6.5	11.8
	1227	0.0	0.0	6.5	11.9
	1257	0.0	0.0	6.5	11.9
	1327	0.0	0.0	6.5	12.7
	1357	0.0	0.0	6.5	12.7
	1427	0.0	0.0	6.5	13.0
	1457	0.0	0.0	6.5	12.9
	1527	0.0	0.0	6.5	12.9
	1557	0.0	0.0	6.5	12.7
	1627	0.0	0.0	6.5	12.0
	1657	0.0	0.0	6.5	12.0
	1727	0.0	0.0	6.5	12.4
	1757	0.0	0.0	6.5	12.0
	1827	0.0	0.0	6.5	11.9
	1857	0.0	0.0	6.5	11.2
	1927	0.0	0.0	6.5	11.3
	1957	0.0	0.0	6.4	12.3
	2027	0.0	0.0	6.5	11.8
	2057	0.0	0.0	6.5	11.8
	2127	0.0	0.0	6.5	12.1
	2157	0.0	0.0	6.5	12.1
	2227	0.0	0.0	6.5	12.1
	2257	0.0	0.0	6.5	12.1
	2327	0.0	0.0	6.6	11.8
	2357	0.0	0.0	6.5	11.7

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREE OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
12/25/72	27	0.0	0.0	6.6	11.6
	57	0.0	0.0	6.5	11.6
	127	0.0	0.0	6.5	11.8
	157	0.0	0.0	6.5	11.9
	227	0.0	0.0	6.5	12.0
	257	0.0	0.0	6.5	12.3
	327	0.0	0.0	6.5	12.5
	357	0.0	0.0	6.5	12.6
	427	0.0	0.0	6.5	12.4
	457	0.0	0.0	6.5	12.3
	527	0.0	0.0	6.5	12.4
	557	0.0	0.0	6.5	12.3
	627	0.0	0.0	6.5	12.3
	657	0.0	0.0	6.5	12.3
	727	0.0	0.0	6.5	12.3
	757	0.0	0.0	6.4	11.1
	827	0.0	0.0	6.5	12.3
	857	0.0	0.0	6.5	11.9
	927	0.0	0.0	6.5	12.0
	957	0.0	0.0	6.5	12.1
	1026	0.0	0.0	6.5	12.2
	1056	0.0	0.0	6.5	12.2
	1126	0.0	0.0	6.5	12.0
	1156	0.0	0.0	6.5	11.9
	1226	0.0	0.0	6.5	12.0
	1256	0.0	0.0	6.6	11.7
	1326	0.0	0.0	6.5	11.8
	1356	0.0	0.0	6.5	12.0
	1426	0.0	0.0	6.5	12.1
	1456	0.0	0.0	6.5	12.2
	1526	0.0	0.0	6.6	12.7
	1556	0.0	0.0	6.6	12.7
	1626	0.0	0.0	6.5	12.4
	1656	0.0	0.0	6.5	12.2
	1726	0.0	0.0	6.5	12.1
	1756	0.0	0.0	6.5	12.3
	1826	0.0	0.0	6.5	12.3
	1856	0.0	0.0	6.4	11.1
	1926	0.0	0.0	6.5	10.8
	1956	0.0	0.0	6.4	10.8
	2026	0.0	0.0	6.5	12.0
	2056	0.0	0.0	6.5	11.0
	2126	0.0	0.0	6.4	10.8
	2156	0.0	0.0	6.5	11.7
	2226	0.0	0.0	6.5	12.1
	2256	0.0	0.0	6.6	12.1
	2326	0.0	0.0	6.5	12.1
	2356	0.0	0.0	6.5	12.1

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W.

TEMP. IN DEGREE OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
12/26/72	26	0.0	0.0	6.5	11.8
	56	0.0	0.0	6.5	11.8
	126	0.0	0.0	6.5	11.9
	156	0.0	0.0	6.5	11.8
	226	0.0	0.0	6.5	11.9
	256	0.0	0.0	6.5	12.0
	326	0.0	0.0	6.5	12.1
	356	0.0	0.0	6.5	12.2
	426	0.0	0.0	6.6	12.4
	456	0.0	0.0	6.6	12.5
	526	0.0	0.0	6.6	12.1
	556	0.0	0.0	6.6	12.1
	626	0.0	0.0	6.5	12.1
	656	0.0	0.0	6.6	12.2
	726	0.0	0.0	6.5	11.9
	756	0.0	0.0	6.5	11.5
	826	0.0	0.0	6.5	12.2
	856	0.0	0.0	6.5	12.1
	926	0.0	0.0	6.5	12.0
	956	0.0	0.0	6.5	11.5
	1026	0.0	0.0	6.5	11.5
	1056	0.0	0.0	6.5	11.5
	1126	0.0	0.0	6.5	11.6
	1156	0.0	0.0	6.6	12.1
	1226	0.0	0.0	6.5	12.1
	1256	0.0	0.0	6.6	11.9
	1326	0.0	0.0	6.5	11.5
	1356	0.0	0.0	6.6	11.7
	1426	0.0	0.0	6.6	11.7
	1456	0.0	0.0	6.5	12.0
	1526	0.0	0.0	6.6	12.2
	1556	0.0	0.0	6.6	12.1
	1626	0.0	0.0	6.6	12.2
	1656	0.0	0.0	6.6	12.2
	1726	0.0	0.0	6.6	12.2
	1756	0.0	0.0	6.6	11.9
	1826	0.0	0.0	6.6	12.1
	1856	0.0	0.0	6.6	11.8
	1926	0.0	0.0	6.6	12.0
	1956	0.0	0.0	6.5	11.5
	2026	0.0	0.0	6.6	12.3
	2056	0.0	0.0	6.6	12.2
	2126	0.0	0.0	6.6	11.1
	2156	0.0	0.0	6.4	10.5
	2226	0.0	0.0	6.4	10.4
	2256	0.0	0.0	6.4	10.5
	2326	0.0	0.0	6.4	10.7
	2356	0.0	0.0	6.4	10.6

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREE OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
12/27/72	26	0.0	0.0	6.4	10.5
	56	0.0	0.0	6.6	11.7
	126	0.0	0.0	6.6	12.0
	156	0.0	0.0	6.6	12.1
	226	0.0	0.0	6.6	11.8
	256	0.0	0.0	6.5	11.9
	326	0.0	0.0	6.6	11.9
	356	0.0	0.0	6.6	12.0
	426	0.0	0.0	6.6	12.1
	456	0.0	0.0	6.6	12.1
	526	0.0	0.0	6.6	12.1
	556	0.0	0.0	6.4	11.0
	626	0.0	0.0	6.3	10.7
	656	0.0	0.0	6.5	11.4
	726	0.0	0.0	6.5	11.5
	756	0.0	0.0	6.4	11.3
	826	0.0	0.0	6.4	11.3
	856	0.0	0.0	6.3	11.2
	926	0.0	0.0	6.3	11.2
	956	0.0	0.0	6.4	11.9
	1026	0.0	0.0	6.4	11.4
	1056	0.0	0.0	6.4	11.6
	1126	0.0	0.0	6.2	10.5
	1156	0.0	0.0	6.4	11.7
	1226	0.0	0.0	6.4	11.7
	1256	0.0	0.0	6.4	11.8
	1326	0.0	0.0	6.3	11.7
	1356	0.0	0.0	6.3	11.5
	1426	0.0	0.0	6.3	11.8
	1456	0.0	0.0	6.3	11.5
	1526	0.0	0.0	6.4	11.5
	1556	0.0	0.0	6.4	11.7
	1626	0.0	0.0	6.4	12.0
	1656	0.0	0.0	6.5	12.1
	1726	0.0	0.0	6.5	12.1
	1756	0.0	0.0	6.5	12.2
	1826	0.0	0.0	6.5	12.2
	1856	0.0	0.0	6.5	12.2
	1926	0.0	0.0	6.5	12.2
	1956	0.0	0.0	6.5	12.2
	2026	0.0	0.0	6.3	11.2
	2056	0.0	0.0	6.3	11.3
	2126	0.0	0.0	6.4	11.8
	2156	0.0	0.0	6.3	11.2
	2226	0.0	0.0	6.3	11.1
	2256	0.0	0.0	6.3	11.5
	2326	0.0	0.0	6.4	11.5
	2356	0.0	0.0	6.3	11.6

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREE OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
12/26/72	26	0.0	0.0	6.4	11.7
	56	0.0	0.0	6.4	11.8
	126	0.0	0.0	6.3	11.5
	156	0.0	0.0	6.3	11.3
	226	0.0	0.0	6.1	11.2
	256	0.0	0.0	6.1	11.3
	326	0.0	0.0	6.1	11.3
	356	0.0	0.0	6.0	11.2
	426	0.0	0.0	6.4	11.8
	456	0.0	0.0	6.4	12.2
	526	0.0	0.0	6.5	12.4
	556	0.0	0.0	6.5	12.7
	626	0.0	0.0	6.4	12.3
	656	0.0	0.0	6.3	11.9
	726	0.0	0.0	6.3	11.5
	756	0.0	0.0	6.0	11.1
	826	0.0	0.0	5.9	10.7
	856	0.0	0.0	5.9	10.6
	926	0.0	0.0	5.8	10.6
	956	0.0	0.0	5.9	10.5
	1026	0.0	0.0	5.9	10.3
	1056	0.0	0.0	5.9	10.3
	1126	0.0	0.0	6.3	11.3
	1156	0.0	0.0	5.9	10.3
	1226	0.0	0.0	5.9	10.1
	1256	0.0	0.0	6.2	11.2
	1326	0.0	0.0	6.2	11.1
	1356	0.0	0.0	6.2	11.2
	1426	0.0	0.0	6.4	11.5
	1456	0.0	0.0	6.4	11.5
	1526	0.0	0.0	6.3	11.4
	1556	0.0	0.0	6.3	11.5
	1626	0.0	0.0	6.3	11.4
	1656	0.0	0.0	6.4	11.7
	1726	0.0	0.0	6.4	11.8
	1756	0.0	0.0	6.4	11.8
	1826	0.0	0.0	6.4	11.8
	1856	0.0	0.0	6.4	11.7
	1926	0.0	0.0	6.4	11.8
	1956	0.0	0.0	6.4	11.7
	2026	0.0	0.0	6.2	11.1
	2056	0.0	0.0	6.3	11.3
	2126	0.0	0.0	6.2	10.7
	2156	0.0	0.0	6.2	10.7
	2226	0.0	0.0	6.2	10.6
	2256	0.0	0.0	6.2	10.7
	2326	0.0	0.0	6.2	10.6
	2356	0.0	0.0	6.2	10.8

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREE OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
12/29/72	26	0.0	0.0	6.2	11.1
	36	0.0	0.0	6.4	11.8
	126	0.0	0.0	6.4	11.8
	136	0.0	0.0	6.4	11.8
	226	0.0	0.0	6.4	11.8
	236	0.0	0.0	6.3	11.3
	326	0.0	0.0	6.3	11.3
	336	0.0	0.0	6.3	11.2
	426	0.0	0.0	6.3	11.1
	436	0.0	0.0	6.3	11.6
	526	0.0	0.0	6.4	11.9
	536	0.0	0.0	6.4	11.9
	626	0.0	0.0	6.4	12.0
	636	0.0	0.0	6.4	11.9
	726	0.0	0.0	6.4	11.9
	736	0.0	0.0	6.4	11.8
	826	0.0	0.0	6.4	11.8
	936	0.0	0.0	6.3	11.3
	946	0.0	0.0	6.4	11.7
	956	0.0	0.0	6.3	11.5
	1026	0.0	0.0	6.4	11.7
	1036	0.0	0.0	6.4	11.8
	1126	0.0	0.0	6.4	11.9
	1135	0.0	0.0	6.4	11.9

Rappahannock River
Smokey Point
1972

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREE OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
10/30/72	1402	15.0	10.8	15.0	15.0
	1431	15.2	12.0	15.0	15.1
	1501	14.9	12.6	15.0	15.0
	1531	14.8	12.8	15.1	14.7
	1601	14.9	12.6	15.1	14.4
	1631	14.9	11.1	15.1	14.4
	1701	14.9	13.0	15.0	14.1
	1731	15.0	12.9	15.0	14.3
	1801	15.0	12.8	15.0	14.3
	1831	15.0	13.0	15.0	14.3
	1901	15.1	13.1	15.0	14.6
	1931	15.0	12.8	15.0	14.6
	2001	15.0	13.0	14.9	14.9
	2031	15.0	12.4	15.0	14.5
	2101	15.0	12.9	15.0	14.8
	2131	14.9	13.3	15.0	14.8
	2201	14.9	13.4	15.0	14.7
	2231	14.9	13.4	15.0	14.7
	2301	14.9	13.5	15.0	12.2
	2331	15.0	13.0	14.9	15.0

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREE OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
10/31/72	1	15.0	12.9	14.9	15.0
	51	14.9	12.5	15.0	14.5
	101	14.9	13.6	14.9	14.6
	131	14.8	13.0	14.9	15.0
	201	14.9	12.7	15.0	15.0
	251	14.8	12.6	14.9	15.0
	301	14.8	12.4	14.9	15.0
	351	15.0	13.1	14.9	14.8
	401	14.9	13.2	14.9	14.7
	451	14.9	13.4	14.9	14.7
	501	14.8	13.0	14.9	14.8
	531	14.6	12.5	14.9	14.6
	601	14.4	12.4	14.9	14.7
	631	14.4	12.6	14.9	14.8
	701	14.5	12.6	14.9	14.7
	731	14.5	12.7	14.9	14.7
	801	14.5	12.8	14.9	14.7
	831	14.6	12.9	14.9	14.7
	901	14.6	13.0	14.9	14.7
	931	14.6	12.8	14.9	14.8
	1001	14.6	12.9	14.9	14.8
	1031	14.6	13.3	14.9	14.8
	1101	14.7	13.7	14.9	14.5
	1131	14.7	13.1	14.9	14.7
	1201	14.6	13.2	14.9	14.4
	1231	14.7	13.0	14.9	14.6
	1301	14.6	13.0	14.9	14.8
	1331	14.5	12.7	14.9	14.9
	1401	14.5	12.6	14.9	14.8
	1431	14.4	12.8	14.9	14.9
	1501	14.5	12.8	14.9	14.9
	1531	14.5	12.6	14.9	14.8
	1601	14.6	12.6	14.9	14.7
	1631	14.5	12.6	14.9	14.8
	1701	14.6	12.8	14.9	14.7
	1731	14.6	12.8	14.9	14.7
	1801	14.6	12.6	14.9	14.6
	1831	14.6	12.4	14.9	14.8
	1901	14.4	12.1	14.9	14.8
	1931	14.3	12.1	14.9	14.7
	2001	14.4	12.4	14.9	14.8
	2031	14.5	12.4	14.9	14.8
	2101	14.5	12.6	14.9	14.8
	2131	14.5	12.6	14.9	14.8
	2201	14.5	12.4	14.9	14.8
	2231	14.6	13.0	14.9	14.8
	2301	14.6	13.2	14.9	14.8
	2331	14.6	13.2	14.9	14.6

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREE OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
11/ 1/72	1	14.6	13.0	14.9	14.5
	31	14.6	13.4	14.9	14.6
	101	14.4	12.6	14.9	14.6
	131	14.3	12.2	14.9	14.7
	201	14.5	12.7	14.9	14.7
	231	14.6	12.9	14.9	14.7
	301	14.5	12.9	14.9	14.7
	331	14.7	13.3	14.9	14.8
	401	14.6	2.5	14.9	14.7
	431	14.7	13.3	14.9	14.5
	501	14.6	13.1	14.9	14.4
	531	14.6	13.0	14.9	14.5
	601	14.4	12.7	14.9	14.5
	631	14.1	12.2	14.9	14.5
	701	14.0	12.3	14.9	14.5
	731	14.1	12.2	14.9	14.4
	801	13.9	12.1	14.9	14.5
	831	14.0	12.2	14.9	14.7
	901	14.0	12.3	14.9	14.7
	931	14.2	12.6	14.9	14.7
	1001	14.1	12.6	14.9	14.7
	1031	14.1	12.6	14.9	14.7
	1101	14.2	12.6	14.9	14.6
	1131	14.6	13.4	14.9	14.5
	1201	14.6	13.4	14.9	14.5
	1231	14.6	13.4	14.9	14.5
	1301	14.5	13.4	14.9	14.3
	1331	14.4	13.0	14.8	13.9
	1401	14.4	13.0	14.7	13.9
	1431	14.2	12.7	14.7	13.8
	1501	14.3	12.9	14.9	14.7
	1531	14.4	13.0	14.9	14.7
	1601	14.6	13.2	14.9	14.7
	1631	14.1	12.4	14.9	14.7
	1701	14.1	12.4	14.9	14.7
	1731	14.3	12.7	14.8	14.3
	1801	14.6	13.3	14.8	14.3
	1831	14.5	13.3	14.8	14.3
	1901	14.3	13.0	14.8	14.2
	1931	14.3	13.0	14.8	14.2
	2001	14.3	13.1	14.8	14.2
	2031	14.3	13.2	14.8	14.1
	2101	14.3	13.1	14.8	14.1
	2131	14.3	13.2	14.8	14.2
	2201	14.4	13.3	14.9	14.7
	2231	14.3	13.3	14.8	14.5
	2301	14.3	13.3	14.8	14.1
	2331	14.3	13.2	14.8	14.3

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREE OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
11/ 2/72	1	14.3	13.3	14.8	14.3
	31	14.3	13.2	14.9	14.6
	101	14.3	13.0	14.9	14.6
	131	14.2	12.9	14.8	14.3
	201	14.2	12.9	14.7	14.0
	231	14.2	12.8	14.7	13.7
	301	14.1	12.8	14.8	14.3
	331	14.1	12.8	14.9	14.4
	401	14.1	12.7	14.8	14.3
	431	14.0	12.6	14.8	14.3
	501	14.0	12.6	14.8	14.2
	531	14.0	12.6	14.8	14.1
	601	14.1	12.8	14.8	14.0
	631	14.3	13.0	14.7	14.0
	701	14.2	12.9	14.7	13.9
	731	14.2	13.1	14.7	13.8
	801	14.2	13.1	14.7	14.0
	831	14.2	13.2	14.7	14.1
	901	14.2	13.2	14.7	14.0
	931	14.2	13.2	14.7	14.1
	1001	14.3	13.3	14.8	14.2
	1031	14.4	13.3	14.8	14.5
	1101	14.4	13.3	14.8	14.5
	1131	14.4	13.3	14.8	14.3
	1201	14.5	13.3	14.7	14.1
	1231	14.4	13.3	14.8	14.3
	1301	14.5	13.2	14.8	14.7
	1331	14.7	13.2	14.8	14.3
	1401	14.5	13.1	14.8	14.2
	1431	14.7	13.1	14.7	14.0
	1501	14.8	13.0	14.6	13.9
	1531	14.8	12.8	14.7	14.1
	1601	14.7	12.8	14.7	13.9
	1631	14.7	12.8	14.8	14.3
	1701	14.7	12.8	14.7	13.9
	1731	14.8	12.9	14.7	13.9
	1801	14.8	12.8	14.7	13.2
	1830	15.0	12.9	14.8	13.3
	1900	14.9	13.0	14.7	13.0
	1930	14.8	13.0	14.7	13.3
	2000	14.8	13.0	14.7	13.1
	2030	14.8	12.9	14.7	13.0
	2100	14.7	12.8	14.7	13.1
	2130	14.7	12.9	14.6	13.2
	2200	14.7	13.0	14.6	13.5
	2230	14.6	13.0	14.7	13.9
	2300	14.6	13.0	14.6	13.6
	2330	14.7	13.1	14.7	13.7

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREE OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
11/ 5/72	0	14.7	13.0	14.7	13.8
	30	14.7	13.0	14.7	13.7
	100	14.8	13.0	14.7	14.1
	130	14.8	13.0	14.7	14.1
	200	14.8	13.0	14.7	13.7
	230	14.8	13.0	14.7	13.4
	300	14.8	13.0	14.7	13.1
	330	14.8	12.9	14.8	12.8
	400	14.8	12.7	14.7	13.9
	430	14.8	12.8	14.7	13.9
	500	14.8	12.7	14.7	13.8
	530	14.8	12.7	14.8	13.0
	600	14.8	12.6	14.8	12.8
	630	14.9	12.7	14.9	12.9
	700	15.0	12.9	14.8	12.9
	730	14.9	12.9	14.8	13.0
	800	14.8	12.9	14.8	13.1
	830	14.9	12.9	14.8	12.9
	900	15.0	12.9	14.7	13.0
	930	15.0	12.9	14.7	13.2
	1000	14.9	13.0	14.7	13.2
	1030	14.8	13.1	14.7	13.3
	1100	14.9	13.2	14.7	13.6
	1130	14.9	13.1	14.7	13.9
	1200	15.1	13.0	14.7	13.7
	1230	15.1	12.9	14.7	13.5
	1300	15.0	12.9	14.8	13.2
	1330	15.1	13.1	14.7	14.2
	1400	15.0	13.0	14.7	14.0
	1430	15.1	12.7	14.8	13.7
	1500	15.3	12.5	15.0	13.1
	1530	15.2	12.7	14.9	13.0
	1600	15.2	12.5	14.7	13.7
	1630	15.1	12.5	14.8	13.6
	1700	15.1	12.3	14.9	13.5
	1730	15.1	12.3	14.7	14.1
	1800	15.1	12.2	14.8	13.9
	1830	15.1	12.2	14.8	13.7
	1900	15.1	12.0	14.9	13.0
	1930	15.2	12.2	14.8	13.6
	2000	15.4	12.2	14.8	13.7
	2030	15.5	12.2	14.8	13.7
	2100	15.5	12.3	14.8	13.6
	2130	15.4	12.4	14.8	13.5
	2200	15.3	12.4	14.8	13.7
	2230	15.4	12.4	14.8	13.7
	2300	15.4	12.5	14.8	13.7
	2330	15.5	12.7	14.8	13.7

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREE OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
11/ 4/72	0	15.4	12.6	14.8	13.7
	30	15.3	12.3	14.8	13.7
	100	15.5	12.4	14.8	13.9
	130	15.5	13.0	14.8	13.8
	200	15.4	12.5	14.8	14.0
	230	15.2	12.3	14.7	14.3
	300	15.1	12.3	14.7	14.3
	330	15.2	12.2	14.7	14.3
	400	15.2	12.2	14.8	14.1
	430	15.3	12.0	14.8	13.7
	500	15.4	12.1	14.8	14.2
	530	15.4	12.2	14.7	14.3
	600	15.3	12.0	14.7	14.2
	630	15.3	12.1	14.8	14.1
	700	15.2	12.0	14.8	14.0
	730	15.2	12.0	14.8	13.9
	800	15.2	12.1	14.8	13.9
	830	15.2	12.2	14.8	14.1
	900	15.2	12.2	14.8	14.1
	930	15.2	12.4	14.8	14.1
	1000	15.2	12.4	14.8	14.1
	1030	15.2	12.4	14.8	13.9
	1100	15.1	12.4	14.8	14.3
	1130	15.1	12.4	14.8	14.4
	1200	15.1	12.4	14.8	14.2
	1230	15.1	12.4	14.8	14.2
	1300	15.2	12.4	14.8	14.3
	1330	15.2	12.8	14.8	14.3
	1400	15.1	13.5	14.8	14.0
	1430	15.2	12.4	14.8	14.2
	1500	15.2	12.3	14.8	14.0
	1530	15.2	12.3	14.8	13.9
	1600	15.4	12.2	14.8	14.2
	1630	15.3	12.3	14.8	14.3
	1700	15.3	12.2	14.8	14.3
	1730	15.3	12.2	14.8	14.3
	1800	15.3	11.5	14.8	14.3
	1830	15.2	12.2	14.8	14.4
	1900	15.2	12.0	14.8	14.3
	1930	15.2	12.1	14.8	14.1
	2000	15.3	12.0	14.8	14.3
	2030	15.2	11.7	14.8	14.2
	2100	15.2	11.7	14.8	14.2
	2130	15.1	11.8	14.8	14.3
	2200	15.1	11.9	14.8	14.3
	2230	15.1	12.0	14.9	14.3
	2300	15.1	12.1	14.8	14.3
	2330	15.1	12.1	14.9	14.1

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREE OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
11/ 5/72	0	15.1	12.1	14.8	14.5
	30	15.1	12.2	14.8	14.6
	100	15.0	12.2	14.8	14.7
	130	15.1	12.4	14.8	14.6
	200	15.0	12.4	14.8	14.5
	230	15.0	12.4	14.8	14.3
	300	14.9	12.3	14.8	14.3
	330	14.8	12.3	14.8	14.2
	400	14.8	12.4	14.8	14.2
	430	14.8	12.4	14.8	14.6
	500	14.8	12.5	14.8	14.7
	530	14.8	12.5	14.8	14.7
	600	14.8	12.4	14.8	14.8
	630	14.7	12.6	14.8	14.8
	700	14.6	12.2	14.8	14.8
	730	14.6	12.0	14.8	14.7
	800	14.6	12.1	14.8	14.5
	830	14.6	12.1	14.8	14.3
	900	14.6	12.0	14.8	14.0
	930	14.6	12.2	14.8	13.7
	1000	14.8	12.4	14.8	13.8
	1030	14.8	12.4	14.8	13.9
	1100	14.8	12.5	14.7	14.3
	1130	14.8	12.6	14.7	14.5
	1200	14.8	12.6	14.6	14.8
	1230	14.8	12.8	14.6	15.2
	1300	14.8	12.7	14.6	15.6
	1330	14.8	12.6	14.6	15.6
	1400	14.8	12.7	14.6	15.6
	1430	14.8	12.7	14.6	15.5
	1500	14.8	12.8	14.8	14.4
	1530	14.8	12.8	14.7	14.6
	1600	14.8	12.7	14.6	15.6
	1630	14.8	12.8	14.6	15.8
	1700	14.8	12.8	14.6	15.6
	1730	14.7	12.6	14.6	15.6
	1800	14.8	12.8	14.6	15.3
	1830	14.7	12.1	14.6	15.6
	1900	14.8	12.8	14.5	15.7
	1930	14.6	12.1	14.6	15.8
	2000	14.6	12.1	14.6	15.6
	2030	14.7	12.2	14.6	15.4
	2100	14.6	12.0	14.6	15.2
	2130	14.7	12.3	14.6	15.0
	2200	14.7	12.4	14.7	14.8
	2230	14.7	13.0	14.6	14.6
	2300	14.5	12.4	14.6	15.0
	2330	14.4	12.4	14.6	14.9

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREE OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
11/ 6/72	0	14.4	12.4	14.6	15.1
	30	14.3	12.4	14.6	15.0
	100	14.3	12.4	14.6	15.4
	130	14.3	12.4	14.6	15.5
	200	14.4	12.8	14.6	15.6
	230	14.6	13.0	14.6	15.3
	300	14.6	13.1	14.6	15.3
	330	14.6	13.0	14.5	15.6
	400	14.6	13.0	14.5	15.8
	430	14.6	12.7	14.5	16.0
	500	14.5	13.1	14.5	16.0
	530	14.6	13.0	14.5	15.8
	600	14.7	13.0	14.5	15.4
	630	14.3	12.6	14.5	15.7
	700	14.2	13.1	14.5	15.7
	730	14.2	13.0	14.5	15.8
	800	14.7	13.5	14.5	15.8
	830	14.6	13.7	14.5	15.6
	900	14.6	13.4	14.5	15.5
	930	14.3	12.8	14.5	15.4
	1000	14.1	12.6	14.5	15.5
	1030	14.1	12.6	14.5	15.4
	1100	14.1	12.5	14.5	15.6
	1107	14.1	12.5	14.5	15.5

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREE OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
11/ 6/72	1122	14.0	12.7	14.5	15.5
	1122	14.2	12.9	14.5	15.5
	1151	14.0	12.9	14.5	15.6
	1221	14.1	13.0	14.5	15.7
	1251	14.2	13.0	14.5	15.6
	1320	14.2	13.1	14.5	15.5
	1350	14.2	13.1	14.5	15.4
	1421	14.3	13.5	14.5	15.6
	1451	14.3	13.5	14.5	15.6
	1521	14.3	13.5	14.5	15.7
	1551	14.2	13.1	14.5	15.6
	1621	14.2	13.2	14.5	15.5
	1651	14.4	13.0	14.5	15.9
	1721	14.3	12.8	14.5	15.8
	1751	14.4	13.1	14.5	15.7
	1821	14.2	12.4	14.5	15.5
	1851	14.1	12.4	14.5	15.1
	1921	14.3	12.8	14.5	15.6
	1951	14.3	12.6	14.5	15.7
	2021	14.2	12.5	14.5	15.4
	2051	14.2	12.6	14.5	15.3
	2121	14.4	13.2	14.5	15.4
	2151	14.4	13.4	14.5	15.4
	2220	14.4	13.0	14.5	15.2
	2250	14.4	13.2	14.5	15.2
	2320	14.3	13.2	14.5	15.2
	2350	14.2	12.9	14.5	15.4

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREE OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
11/ 7/72	20	14.2	12.8	14.5	15.4
	30	13.8	12.6	14.5	15.4
	120	14.0	12.8	14.5	15.3
	150	14.0	12.8	14.5	15.2
	220	13.8	12.7	14.5	15.3
	250	14.0	13.1	14.5	15.4
	320	14.2	13.5	14.5	15.4
	350	14.4	13.7	14.5	15.2
	420	14.3	13.1	14.5	15.1
	450	13.9	12.6	14.5	15.6
	520	14.4	13.0	14.5	15.6
	550	14.5	13.3	14.5	15.2
	620	14.0	12.7	14.5	15.0
	650	14.0	13.0	14.5	15.3
	720	13.6	12.4	14.5	15.5
	750	13.5	12.1	14.5	15.4
	820	14.5	13.5	14.5	15.8
	850	14.4	13.5	14.5	15.5
	920	14.4	13.7	14.5	15.2
	950	14.4	13.5	14.5	15.2
	1020	14.1	13.1	14.5	15.1
	1050	13.9	12.7	14.5	15.1
	1120	13.8	12.6	14.5	15.2
	1150	13.8	12.6	14.5	15.2
	1220	13.8	12.6	14.5	15.3
	1250	13.8	12.7	14.5	15.2
	1320	13.8	12.8	14.5	15.3
	1350	13.8	12.8	14.5	15.3
	1420	13.8	12.8	14.5	15.3
	1450	13.9	12.9	14.5	15.2
	1520	14.2	13.9	14.5	15.3
	1550	14.1	13.5	14.5	15.7
	1620	14.0	13.1	14.5	15.8
	1650	14.0	13.4	14.5	15.8
	1720	14.2	13.5	14.5	15.6
	1750	14.4	13.3	14.5	15.6
	1820	14.4	13.1	14.5	15.4
	1850	14.3	13.2	14.5	15.3
	1920	14.1	13.3	14.4	15.0
	1950	14.1	13.4	14.4	14.6
	2020	14.2	13.2	14.5	15.5
	2050	14.2	13.0	14.5	15.2
	2120	14.2	13.1	14.4	14.8
	2150	14.1	13.3	14.5	15.2
	2220	14.3	13.4	14.5	15.2
	2250	14.3	13.5	14.5	15.3
	2320	14.3	13.5	14.5	15.2
	2350	14.2	12.9	14.4	14.8

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREE OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
11/ 8/72	20	14.1	12.9	14.4	14.9
	50	14.2	13.1	14.4	14.9
	120	14.2	13.3	14.5	15.1
	150	14.2	13.4	14.5	15.2
	220	14.3	13.4	14.5	15.1
	250	14.3	13.5	14.4	14.6
	320	14.3	13.5	14.4	14.8
	350	14.4	13.7	14.5	15.1
	420	14.4	13.9	14.5	15.7
	450	14.4	14.0	14.5	15.5
	520	14.4	13.8	14.5	15.2
	550	14.4	13.7	14.4	14.7
	620	14.3	13.5	14.2	13.7
	650	14.3	13.3	14.2	13.5
	720	14.3	12.9	14.1	13.5
	750	14.3	12.9	14.2	13.6
	820	14.3	13.0	14.2	13.5
	850	14.3	13.0	14.2	13.3
	920	14.3	12.9	14.1	13.3
	950	14.3	13.0	14.1	13.4
	1020	14.3	13.0	14.2	13.8
	1050	14.3	13.0	14.2	13.6
	1120	14.4	13.0	14.2	13.5
	1150	14.4	13.2	14.2	13.5
	1220	14.4	13.3	14.2	13.5
	1250	14.4	13.3	14.2	13.6
	1320	14.4	13.3	14.3	14.3
	1350	14.4	13.3	14.3	13.8
	1420	14.4	13.3	14.3	14.1
	1450	14.4	13.3	14.3	14.1
	1520	14.4	13.3	14.3	14.0
	1550	14.3	13.3	14.3	13.9
	1620	14.3	13.2	14.2	13.6
	1650	14.3	13.1	14.3	14.1
	1720	14.3	13.1	14.3	14.8
	1750	14.3	13.1	14.2	13.6
	1820	14.3	13.3	14.3	14.3
	1850	14.3	13.3	14.2	13.6
	1920	14.3	13.3	14.1	13.5
	1950	14.3	13.2	14.1	13.2
	2020	14.2	13.3	14.1	13.2
	2050	14.2	13.3	14.2	14.3
	2120	14.2	13.1	14.3	14.1
	2150	14.2	13.0	14.0	13.1
	2220	14.2	13.0	14.1	13.4
	2250	14.1	13.1	14.1	13.4
	2320	14.1	13.0	14.1	13.4
	2350	14.1	13.0	14.1	13.3

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREE OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
11/ 9/72	20	14.0	13.0	14.1	13.3
	50	14.0	13.0	14.1	13.3
	120	14.0	13.0	14.1	13.5
	150	14.0	13.1	14.1	13.6
	220	14.0	13.1	14.1	13.3
	250	13.9	13.0	14.1	13.5
	320	13.9	12.8	14.1	13.6
	350	13.9	12.8	13.7	12.7
	420	13.9	12.8	13.6	12.6
	450	13.9	12.8	13.7	12.6
	520	13.9	12.8	13.7	12.6
	550	13.8	12.8	13.6	12.6
	620	13.8	12.8	13.5	12.6
	650	13.8	12.7	13.6	12.6
	720	13.7	12.6	13.5	12.5
	750	13.7	12.7	13.6	12.6
	820	13.7	12.7	13.6	12.6
	850	13.8	12.8	13.7	12.8
	920	13.8	12.7	13.6	12.6
	950	13.8	12.6	13.6	12.6
	1020	13.8	12.6	13.5	12.4
	1050	13.8	12.6	13.5	12.4
	1120	13.6	12.5	13.5	12.5
	1150	13.6	12.5	13.4	12.5
	1220	13.5	12.6	13.3	12.5
	1250	13.6	12.6	13.5	12.5
	1320	13.7	12.6	13.7	12.7
	1350	13.8	12.7	13.7	12.9
	1420	13.8	12.6	13.8	13.1
	1450	14.0	13.0	13.9	13.7
	1519	13.9	13.0	13.9	14.1
	1549	13.8	12.8	14.0	14.3
	1619	13.8	12.8	13.8	13.8
	1649	13.8	12.7	13.8	14.0
	1719	13.6	12.2	13.8	13.2
	1749	13.4	12.0	13.8	13.5
	1819	13.5	12.1	13.4	12.1
	1849	13.5	12.1	13.5	12.3
	1919	13.6	12.2	13.8	13.2
	1949	13.6	12.1	13.8	13.5
	2019	13.6	12.3	13.8	13.4
	2049	13.6	12.3	13.8	13.3
	2119	13.5	12.1	13.8	13.3
	2149	13.4	12.2	13.7	13.0
	2219	13.4	12.1	13.6	13.0
	2249	13.4	12.1	13.5	12.6
	2319	13.4	12.1	13.5	12.7
	2349	13.3	12.0	13.5	12.6

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREE OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
11/10/72	19	13.4	12.0	13.3	12.3
	49	13.3	12.2	13.4	12.3
	119	13.3	12.2	13.4	12.5
	149	13.2	12.2	13.6	13.5
	219	13.2	12.3	13.6	13.8
	249	13.2	12.4	13.7	13.9
	319	13.2	12.4	13.8	14.2
	349	13.2	12.4	13.7	14.1
	419	13.2	12.5	13.8	14.6
	449	13.1	12.4	13.8	14.3
	519	13.2	12.4	13.8	14.7
	549	13.3	12.6	13.8	14.7
	619	13.3	13.0	13.8	14.3
	649	13.2	12.5	13.8	14.1
	719	12.9	12.4	13.7	13.5
	749	13.0	12.3	13.8	14.1
	819	12.9	12.4	13.8	14.3
	849	12.9	12.3	13.8	14.3
	919	12.9	12.2	13.8	14.3
	949	12.9	12.3	13.8	14.3
	1019	13.0	12.4	13.8	14.1
	1049	13.1	12.7	13.7	14.0
	1119	13.2	12.9	13.6	13.9

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREE OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
11/10/72	1155	13.1	12.9	13.4	13.8
	1155	13.2	12.9	13.4	13.7
	1200	13.1	12.9	13.4	13.7
	1225	13.2	13.0	13.2	13.7
	1255	13.2	13.2	13.2	13.7
	1325	13.2	13.3	13.2	13.7
	1355	13.1	13.3	13.5	14.2
	1425	13.1	13.2	13.7	14.7
	1455	13.2	13.1	13.7	14.7
	1525	13.1	13.3	13.7	14.8
	1555	13.3	13.3	13.7	14.8
	1625	13.4	13.6	13.7	14.8
	1655	13.3	13.7	13.6	14.7
	1725	13.4	13.7	13.6	14.5
	1755	13.2	13.5	13.6	14.4
	1825	13.4	13.9	13.7	14.5
	1855	13.3	13.5	13.7	14.8
	1925	13.4	13.7	13.6	14.7
	1955	13.5	13.8	13.6	14.6
	2025	13.4	13.5	13.6	14.5
	2055	13.3	13.0	13.5	14.4
	2125	13.6	13.9	13.6	14.7
	2155	13.5	13.7	13.6	14.6
	2225	13.6	14.0	13.7	14.9
	2255	13.2	13.2	13.7	14.8
	2325	13.3	13.3	13.6	14.7
	2355	13.1	13.0	13.7	14.8

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREE OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
11/11/72	25	13.0	12.9	13.6	14.7
	55	13.4	13.7	13.6	14.7
	125	13.2	13.2	13.6	14.7
	155	13.4	13.5	13.6	14.6
	225	13.2	13.3	13.6	14.6
	255	13.2	13.3	13.6	14.4
	325	13.2	13.3	13.6	14.6
	355	13.1	13.3	13.6	14.7
	425	13.0	13.2	13.6	14.6
	455	13.0	13.2	13.5	14.3
	525	13.1	13.3	13.5	14.2
	555	13.2	13.4	13.6	14.6
	625	13.4	13.8	13.7	14.7
	655	13.2	13.5	13.7	14.6
	725	13.1	13.3	13.7	14.5
	755	13.1	13.3	13.6	14.5
	825	13.1	13.3	13.3	13.7
	855	13.1	13.3	13.2	13.6
	925	13.1	13.2	13.7	14.5
	955	13.0	13.1	13.6	14.4
	1025	13.0	13.1	13.7	14.5
	1055	13.0	13.1	13.7	14.5
	1125	13.0	13.2	13.7	14.5
	1155	13.1	13.2	13.6	14.4
	1225	13.1	13.1	13.6	14.3
	1255	13.2	13.2	13.4	13.9
	1325	13.2	13.2	13.4	14.1
	1355	13.2	13.3	13.4	14.0
	1425	13.2	13.3	13.4	13.8
	1455	13.2	13.4	13.4	14.1
	1525	13.4	13.6	13.5	14.4
	1555	13.4	13.6	13.6	14.7
	1625	13.4	13.5	13.6	14.7
	1655	13.5	13.3	13.6	14.6
	1725	13.4	13.3	13.6	14.6
	1755	13.4	13.3	13.6	14.6
	1825	13.4	13.6	13.7	14.7
	1855	13.4	13.5	13.7	14.8
	1925	13.4	13.4	13.6	14.7
	1955	13.3	13.2	13.6	14.7
	2025	13.3	13.1	13.8	15.2
	2055	13.3	13.0	13.7	15.0
	2125	13.3	13.0	13.8	15.2
	2155	13.3	13.2	13.7	15.1
	2225	13.2	13.2	13.7	15.0
	2255	13.2	13.2	13.7	14.9
	2325	13.2	13.0	13.7	15.2
	2355	13.2	12.9	13.8	15.2

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREE OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
11/12/72	25	13.1	12.8	13.8	15.2
	55	13.1	12.8	13.7	15.1
	125	13.1	12.8	13.7	15.0
	155	13.1	12.8	13.7	15.0
	225	13.1	12.8	13.6	14.8
	255	13.1	12.9	13.6	14.8
	325	13.0	12.8	13.7	15.0
	355	13.0	12.9	13.7	15.0
	425	13.0	12.9	13.6	14.9
	455	13.1	13.0	13.7	14.9
	525	13.1	13.2	13.7	15.0
	555	13.0	13.2	13.7	15.0
	625	13.1	13.3	13.7	15.3
	655	13.0	13.3	13.7	15.3
	725	12.9	12.9	13.7	15.3
	755	13.0	13.0	13.7	15.3
	825	13.0	12.8	13.7	15.1
	855	12.9	12.8	13.7	15.1
	925	12.9	13.0	13.8	15.7
	955	13.0	13.2	13.7	15.8
	1025	12.9	12.5	13.8	15.9
	1055	12.9	12.5	13.8	15.9
	1125	12.9	12.4	13.8	15.9
	1155	12.9	12.4	13.8	16.0
	1225	12.9	12.3	13.8	15.9
	1255	13.0	13.0	13.8	15.8
	1325	13.0	12.6	13.7	15.4
	1355	13.0	12.6	13.7	15.2
	1425	13.1	12.7	13.7	15.5
	1455	13.1	13.0	13.7	15.6
	1525	13.1	13.4	13.7	16.1
	1555	13.1	12.9	13.7	16.2
	1625	13.1	13.3	13.7	16.3
	1655	13.2	13.5	13.7	16.4
	1725	13.1	12.9	13.7	16.5
	1755	13.1	13.1	13.7	16.5
	1825	13.2	13.2	13.7	16.3
	1855	13.3	13.7	13.8	15.9
	1925	13.3	13.5	13.7	16.4
	1955	13.2	13.1	13.7	16.7
	2025	13.3	13.6	13.7	16.7
	2055	13.2	13.4	13.7	16.6
	2125	13.2	13.3	13.6	16.5
	2155	13.0	12.8	13.6	16.4
	2225	13.2	13.3	13.6	16.2
	2255	13.4	13.6	13.7	16.5
	2325	13.2	13.6	13.7	16.5
	2355	13.3	13.7	13.6	16.5

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREE OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
11/15/72	25	13.4	13.5	13.7	16.5
	55	13.2	13.2	13.7	16.5
	125	13.2	13.2	13.6	16.5
	155	13.2	13.3	13.6	16.5
	225	13.1	13.0	13.6	16.2
	255	13.3	13.4	13.6	16.1
	325	13.1	13.0	13.6	16.0
	355	13.3	13.5	13.6	16.0
	425	13.3	13.3	13.6	16.2
	455	13.1	13.0	13.6	16.1
	525	13.2	13.0	13.6	16.5
	555	13.1	12.8	13.7	16.7
	625	13.2	13.1	13.6	16.8
	655	13.1	12.9	13.6	16.7
	725	13.2	13.3	13.6	16.5
	755	13.3	13.7	13.6	16.4
	825	13.4	13.9	13.6	16.4
	855	13.3	13.3	13.6	16.6
	925	13.2	13.1	13.6	16.8
	955	13.3	13.4	13.6	16.8
	1025	13.4	13.7	13.6	16.5
	1055	13.4	13.7	13.6	16.8
	1125	13.2	13.1	13.6	16.9
	1155	13.2	13.1	13.6	16.8
	1225	13.4	13.8	13.6	16.9
	1255	13.3	13.8	13.6	16.9
	1325	13.4	13.8	13.6	16.6
	1355	13.4	13.7	13.6	16.6
	1425	13.4	13.6	13.6	16.5
	1455	13.4	13.7	13.6	16.6
	1525	13.4	13.6	13.6	16.6
	1555	13.4	13.5	13.6	16.7
	1625	13.3	13.3	13.6	16.4
	1655	13.3	12.9	13.6	16.5
	1725	13.3	12.6	13.6	16.7
	1755	13.4	12.6	13.6	16.6
	1825	13.4	12.7	13.6	16.8
	1855	13.4	12.8	13.6	16.8
	1925	13.4	13.2	13.6	16.7
	1955	13.4	13.2	13.6	16.7
	2025	13.5	14.1	13.6	16.7
	2055	13.6	14.7	13.6	16.5
	2125	13.5	14.3	13.6	16.6
	2155	13.3	13.4	13.6	16.6
	2225	13.3	13.3	13.6	16.6
	2255	13.3	13.3	13.6	15.7
	2325	13.4	13.7	13.6	16.5
	2355	13.3	13.5	13.6	16.3

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREE OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
11/14/72	25	13.4	13.7	13.6	16.6
	55	13.2	13.2	13.6	16.5
	125	13.2	13.2	13.6	16.6
	155	13.3	13.2	13.6	16.3
	225	13.3	13.2	13.6	16.4
	255	13.3	13.3	13.6	16.5
	325	13.3	13.3	13.6	16.4
	355	13.2	13.3	13.6	16.3
	425	13.2	13.2	13.6	16.3
	455	13.2	13.2	13.6	16.3
	525	13.3	13.3	13.6	16.3
	555	13.3	13.3	13.6	16.3
	625	13.3	13.3	13.6	16.2
	655	13.3	13.4	13.6	16.5
	725	13.3	13.5	13.6	16.4
	755	13.3	13.4	13.6	16.3
	825	13.3	13.3	13.6	16.1
	855	13.3	13.3	13.6	16.1
	925	13.4	13.6	13.6	16.3
	955	13.4	13.8	13.6	16.5
	1025	13.5	14.0	13.6	16.5
	1055	13.6	14.0	13.6	16.4
	1125	13.6	13.9	13.6	15.8
	1155	13.7	13.7	13.6	15.4
	1225	13.6	13.5	13.4	14.8
	1255	13.6	13.4	13.3	13.9
	1325	13.6	13.3	13.2	13.5
	1355	13.6	13.3	13.4	14.5
	1425	13.7	13.3	13.3	13.8
	1455	13.8	13.3	13.3	13.5
	1525	13.8	13.3	13.4	13.6
	1555	13.8	13.3	13.4	13.4
	1625	13.8	13.3	13.4	13.8
	1655	13.6	13.3	13.5	13.5
	1725	13.9	13.5	13.6	13.6
	1755	13.8	13.6	13.6	13.6
	1825	13.8	13.7	13.6	13.6
	1855	13.8	13.7	13.5	14.2
	1925	13.8	13.8	13.5	15.1
	1955	13.8	13.7	13.5	14.9
	2025	13.9	13.7	13.4	14.4
	2055	13.9	13.6	13.6	16.2
	2125	13.8	13.6	13.6	16.2
	2155	13.8	13.3	13.6	16.3
	2225	13.8	13.4	13.6	16.5
	2255	13.8	13.4	13.6	16.2
	2325	13.7	13.3	13.6	16.2
	2355	13.7	13.2	13.6	16.2

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREE OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
11/15/72	25	13.7	13.1	13.6	15.9
	55	13.8	12.9	13.6	16.3
	125	13.7	12.9	13.6	16.3
	155	13.8	12.8	13.6	16.2
	225	13.7	12.9	13.6	16.0
	255	13.7	12.5	13.6	15.9
	325	13.7	12.5	13.5	15.7
	355	13.7	12.6	13.5	15.6
	425	13.7	12.6	13.5	15.4
	455	13.6	12.6	13.5	15.4
	525	13.6	12.6	13.5	15.1
	555	13.6	12.7	13.5	15.2
	625	13.6	12.9	13.5	15.2
	655	13.5	13.1	13.4	14.6
	725	13.5	13.2	13.5	15.0
	755	13.5	13.3	13.5	15.2
	825	13.5	13.5	13.4	15.2
	855	13.4	13.0	13.5	15.1
	925	13.4	12.8	13.4	15.0
	955	13.4	13.2	13.2	13.5
	1025	13.4	13.2	13.2	13.5
	1055	13.2	12.8	13.4	14.9
	1125	13.2	12.6	13.3	15.0
	1155	13.1	13.0	13.4	15.5
	1225	13.1	12.8	13.4	15.9
	1255	13.1	12.8	13.5	16.3
	1325	13.1	13.2	13.4	15.9
	1355	13.0	13.0	13.4	15.8
	1425	13.0	12.8	12.8	13.7
	1455	13.0	12.8	12.9	13.6
	1525	13.0	12.7	12.8	13.5
	1555	12.9	12.6	12.8	13.0
	1625	12.8	12.4	12.8	12.8
	1655	12.8	12.2	12.8	12.9
	1725	12.8	12.3	12.9	13.2
	1755	12.8	12.5	12.9	13.4
	1825	12.7	12.5	13.0	13.6
	1855	12.8	12.6	13.0	13.8
	1925	12.8	12.7	13.0	14.2
	1955	12.5	12.2	13.1	14.7
	2025	12.8	12.9	13.1	14.8
	2055	12.7	12.7	13.1	15.0
	2125	12.8	13.0	13.1	15.0
	2155	13.0	13.5	13.1	14.7
	2225	12.9	13.3	13.0	14.5
	2255	12.4	12.8	13.0	14.7
	2325	12.5	12.8	13.2	15.8
	2354	12.4	12.8	13.2	16.2

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREE OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
11/15/72	24	12.3	12.6	13.2	16.2
	34	12.1	11.9	13.2	16.2
	124	12.1	12.0	13.2	16.2
	154	12.1	12.0	13.2	16.2
	224	12.2	12.0	13.2	16.2
	254	11.8	11.8	13.1	16.0
	324	11.6	11.5	13.2	15.8
	354	11.6	11.3	13.1	15.4
	424	11.9	11.8	13.0	14.9
	454	11.8	11.6	12.9	14.7
	524	11.9	12.0	12.8	14.6
	554	12.4	13.0	12.7	14.3
	624	11.9	12.1	12.7	14.4
	654	11.8	12.0	12.8	14.5
	724	11.8	12.1	12.8	14.8
	754	11.8	12.1	12.9	15.4
	824	11.8	12.1	13.0	15.8
	854	11.9	12.7	12.9	15.7
	924	12.1	13.0	13.0	15.8
	954	12.2	13.5	13.0	15.7
	1024	11.9	12.8	13.0	15.5
	1054	12.1	13.3	13.0	15.4
	1124	12.2	13.7	13.0	15.2
	1154	12.1	13.1	13.0	15.8
	1224	12.2	13.9	13.0	16.2
	1254	12.2	13.6	13.0	16.2
	1324	11.9	13.3	13.0	16.1
	1354	11.3	13.2	13.0	16.2
	1424	11.8	12.9	13.0	16.2
	1454	11.8	12.7	13.0	16.2
	1524	11.9	13.1	13.0	16.1
	1554	11.9	13.0	13.0	16.0
	1624	11.9	13.0	13.0	16.0
	1654	11.9	13.1	13.0	16.0
	1724	12.0	13.1	13.0	15.9
	1754	11.9	13.0	13.0	15.9
	1824	11.9	13.0	13.0	15.8
	1854	11.9	13.1	12.9	15.5
	1924	11.8	12.9	12.9	15.6
	1954	11.7	12.8	12.8	15.5
	2024	12.1	13.3	12.8	15.4
	2054	11.9	13.1	12.8	15.6
	2124	11.9	13.2	12.7	15.3
	2154	11.9	13.6	12.9	15.7
	2224	12.0	13.8	13.0	15.8
	2254	12.0	14.0	13.0	15.8
	2324	12.0	13.5	13.0	15.9
	2354	12.1	14.0	12.9	15.8

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREE OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
11/17/72	24	12.1	13.5	13.0	16.0
	34	11.9	12.8	13.0	16.3
	124	11.7	12.7	13.0	16.2
	134	11.3	12.5	13.0	16.2
	224	11.2	12.4	12.9	15.8
	234	11.0	12.0	13.0	16.0
	324	10.8	11.9	13.0	16.2
	334	11.7	13.3	13.0	16.0
	424	12.3	14.3	13.0	16.0
	434	12.4	14.5	12.9	15.8
	524	11.7	13.4	12.9	15.9
	534	11.1	12.4	12.9	15.8
	624	11.0	12.4	12.9	15.9
	634	11.1	12.6	12.9	15.9
	724	11.2	12.7	12.9	15.9
	734	11.2	12.8	12.8	15.8
	824	11.2	13.0	12.8	15.8
	834	11.3	13.1	12.8	15.8
	924	11.4	13.5	12.8	15.9
	934	11.4	13.5	12.9	16.2
	1024	11.2	13.1	13.0	16.3
	1034	11.2	13.2	13.0	16.3
	1124	11.2	13.1	13.0	16.3
	1134	11.2	13.2	12.8	15.9
	1224	11.2	13.1	12.8	15.8
	1234	11.0	13.0	12.8	15.7
	1324	10.8	12.9	12.9	16.0
	1334	10.8	12.2	12.9	16.1
	1424	10.8	12.3	13.0	16.3
	1434	11.2	12.9	13.0	16.4
	1524	11.0	12.6	13.0	16.4
	1534	10.7	11.6	13.0	16.3
	1624	10.6	11.5	13.0	16.3
	1634	10.6	11.4	12.9	16.2
	1724	10.6	11.5	12.8	15.9
	1734	10.6	11.8	12.8	15.8
	1824	10.9	12.1	12.8	15.8
	1834	11.0	12.5	12.7	15.6
	1924	11.0	12.4	12.4	15.3
	1934	11.0	12.6	12.2	15.0
	2024	11.0	12.8	12.2	14.9
	2034	11.0	12.7	12.1	14.9
	2124	11.0	12.7	12.3	15.1
	2134	10.8	12.4	12.4	15.4
	2224	11.1	13.0	12.6	15.7
	2234	11.0	13.1	12.6	15.6
	2324	11.0	12.9	12.6	15.6
	2334	11.0	13.0	11.7	14.3

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LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREE OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
11/18/72	24	10.8	12.3	12.7	15.8
	54	10.8	12.7	12.7	15.7
	124	11.0	13.0	12.7	15.9
	154	11.0	13.1	12.8	16.1
	224	10.9	12.6	12.8	16.1
	254	10.5	11.8	12.7	16.0
	324	10.7	12.1	12.8	16.1
	354	10.4	11.4	12.8	16.2
	424	10.5	11.6	12.8	16.2
	454	10.8	12.3	12.7	16.0
	524	10.8	12.3	12.7	15.9
	554	10.7	12.1	12.6	15.6
	624	10.6	12.0	12.2	15.0
	654	10.7	12.1	12.1	14.9
	724	10.7	12.3	12.3	15.3
	754	10.8	12.5	11.9	14.9
	824	10.8	12.4	11.9	14.9
	854	10.7	12.4	12.0	15.1
	924	10.6	12.6	12.2	15.4
	954	10.8	12.7	12.3	15.5
	1024	10.8	12.7	12.4	15.7
	1054	10.8	12.8	12.6	16.0
	1124	10.7	12.9	12.6	16.1
	1154	10.8	13.2	12.5	16.0
	1224	10.7	12.8	12.4	15.6
	1254	10.8	12.8	12.3	15.3
	1324	10.7	12.5	12.5	15.7
	1354	10.8	12.4	12.7	16.1
	1424	10.8	12.5	12.7	16.1
	1454	11.0	12.7	12.7	16.1
	1524	10.7	12.4	12.5	15.9
	1554	10.5	11.7	12.3	15.6
	1624	10.6	12.2	12.6	16.0
	1654	10.6	12.0	12.6	16.0
	1724	10.8	12.2	12.6	15.9
	1754	10.9	12.0	12.3	15.5
	1824	11.0	12.5	12.4	15.6
	1854	10.9	12.4	12.3	15.6
	1924	10.8	12.4	12.2	15.5
	1954	10.7	12.1	12.2	15.5
	2024	10.6	12.0	12.2	15.5
	2054	10.5	12.0	12.1	15.3
	2124	10.7	12.6	12.3	15.6
	2154	10.6	12.2	12.4	15.8
	2224	10.5	12.0	12.4	15.6
	2254	10.4	12.0	12.4	15.7
	2324	10.4	11.8	12.4	15.7
	2354	10.9	12.8	12.4	15.7

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREE OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
11/19/72	24	11.0	13.1	12.4	15.7
	34	11.0	13.2	12.3	15.6
	124	11.2	13.9	12.5	15.8
	154	11.0	13.2	12.4	15.7
	224	10.7	12.9	12.2	15.6
	254	10.5	12.1	12.1	15.4
	324	10.2	11.6	11.9	15.0
	354	10.7	12.1	12.3	15.6
	424	11.0	12.2	12.4	15.8
	454	10.6	11.5	12.3	15.7
	524	11.1	12.9	12.3	15.6
	554	11.1	13.0	12.3	15.7
	624	11.1	13.0	12.3	15.6
	654	11.1	13.0	12.2	15.5
	724	11.0	12.8	12.2	15.4
	754	10.5	11.8	12.2	15.6
	824	10.3	11.5	12.3	15.6
	854	10.2	11.6	12.3	15.6
	924	10.6	12.3	12.2	15.6
	954	10.4	12.2	12.2	15.6
	1024	10.2	12.0	12.2	15.6
	1054	10.5	12.4	12.3	15.8
	1124	10.0	11.6	12.2	15.7
	1154	10.0	11.8	12.2	15.6
	1224	10.7	12.9	12.0	15.3
	1254	11.0	13.7	12.1	15.4
	1324	10.9	13.7	12.3	15.8
	1354	11.0	13.3	12.3	15.7
	1424	10.8	13.2	12.3	15.6
	1454	10.9	13.3	12.1	15.4
	1524	10.5	12.6	12.0	15.3
	1554	10.4	12.1	11.9	15.1
	1624	10.5	12.2	11.9	15.2
	1654	10.4	12.0	11.8	14.7
	1724	10.3	12.0	12.0	15.2
	1754	10.3	11.8	12.0	15.2
	1824	10.4	12.3	12.0	15.2
	1854	11.1	13.2	11.9	15.0
	1924	11.0	13.2	11.9	15.1
	1954	11.0	13.3	11.9	15.2
	2024	10.5	12.4	12.0	15.2
	2054	10.5	12.4	11.9	15.2
	2124	10.6	12.4	12.0	15.4
	2154	10.7	12.9	12.1	15.4
	2224	10.6	12.5	12.0	15.4
	2254	10.6	12.6	12.1	15.5
	2324	10.6	12.9	12.1	15.4
	2354	10.3	12.0	12.0	15.4

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREE OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
11/20/72	024	10.5	12.4	11.7	14.9
	054	10.8	13.1	11.9	15.2
	124	10.6	12.5	11.8	15.0
	154	10.6	12.6	11.7	14.9
	224	10.7	12.7	11.4	14.4
	254	10.5	12.4	11.6	14.8
	324	10.6	12.3	12.1	15.5
	354	10.7	12.5	12.2	15.5
	424	10.6	12.3	12.2	15.6
	454	10.6	12.3	12.1	15.5
	524	10.5	12.0	12.1	15.5
	554	10.6	11.9	11.9	15.2
	624	10.6	12.0	11.7	14.8
	654	10.6	12.0	11.8	14.9
	724	10.6	12.1	11.6	14.7
	754	10.5	12.2	11.3	13.9
	824	10.2	11.9	11.3	14.3
	854	10.4	12.2	11.0	13.7
	924	10.7	12.5	10.9	13.3
	954	10.5	12.4	10.8	13.2
	1024	10.6	12.6	11.6	15.0
	1054	10.6	12.6	11.6	14.9
	1124	10.6	12.6	11.7	14.9
	1154	10.6	12.6	11.8	15.1
	1224	10.6	12.6	11.8	15.0
	1254	10.7	12.4	11.1	14.0
	1324	10.7	12.8	11.7	14.8
	1354	10.7	12.9	11.7	14.9
	1424	10.7	12.6	11.7	15.0
	1454	10.8	12.5	11.7	15.0
	1524	10.7	12.5	11.5	15.0
	1554	10.8	12.4	11.1	14.0
	1624	10.7	12.3	11.4	14.6
	1654	10.7	12.3	11.0	13.5
	1724	10.8	12.4	10.9	13.0
	1754	10.8	12.5	10.8	13.1
	1824	10.8	12.2	10.6	12.1
	1854	10.8	12.2	10.6	12.3
	1924	10.8	12.2	10.6	12.2
	1954	10.8	12.2	10.9	12.8
	2024	10.8	12.2	10.8	12.5
	2054	10.7	12.2	11.0	13.6
	2124	10.7	12.3	10.6	12.2
	2154	10.7	12.2	10.4	12.1
	2224	10.7	12.3	10.4	12.2
	2254	10.6	12.4	10.5	12.4
	2324	10.6	12.4	10.6	12.8
	2354	10.6	12.4	10.6	12.8

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREE OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
11/21/72	24	10.6	12.4	10.7	13.0
	54	10.5	12.3	10.7	13.0
	124	10.6	12.4	10.5	12.7
	154	10.6	12.6	10.7	13.1
	224	10.6	12.8	10.5	12.9
	254	10.4	12.6	10.4	12.7
	324	10.4	12.6	10.5	13.0
	354	10.6	12.8	10.9	13.5
	424	10.4	12.4	11.3	14.5
	454	10.4	12.3	11.3	14.5
	524	10.3	12.2	11.3	14.3
	554	10.3	12.4	11.2	14.3
	624	10.0	11.7	11.5	14.7
	654	10.0	11.4	11.5	14.8
	724	9.9	11.5	11.5	14.7
	754	9.8	11.5	11.3	14.5
	824	9.8	11.4	11.0	13.9
	854	9.8	11.4	10.7	13.3
	924	9.8	11.7	10.8	13.5
	943	9.9	11.9	10.6	13.3

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREE OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
11/21/72	958	9.9	11.9	10.5	13.2
	1027	10.0	12.1	10.5	13.0
	1057	10.0	12.2	10.4	12.9
	1127	10.0	12.2	10.1	12.6
	1157	10.2	12.4	10.4	13.2
	1227	10.2	12.4	10.6	13.8
	1257	10.2	12.4	10.6	13.8
	1327	10.2	12.4	11.0	14.4
	1357	10.3	12.7	11.0	14.5
	1427	10.2	12.4	10.8	14.2
	1457	10.2	12.4	10.8	14.0
	1527	10.1	12.2	10.5	13.3
	1557	10.0	12.1	11.0	14.6
	1627	10.1	12.0	11.1	14.9
	1657	10.0	11.9	10.9	14.4
	1727	10.0	12.1	10.7	14.0
	1757	10.1	12.3	10.6	13.6
	1827	10.2	12.4	10.4	13.0
	1857	10.0	11.9	10.2	13.5
	1927	10.0	11.8	10.4	14.1
	1957	9.8	11.2	10.4	13.4
	2027	9.8	11.2	10.4	13.5
	2057	10.0	11.7	10.3	12.9
	2127	9.6	11.3	10.6	13.9
	2157	9.3	11.1	10.6	13.7
	2227	9.4	11.3	10.6	13.9
	2257	9.5	11.5	10.6	14.0
	2327	9.6	12.0	10.6	13.7
	2357	9.4	11.8	10.5	13.5

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREE OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
11/22/72	27	9.4	11.8	10.4	13.5
	57	9.4	11.8	10.5	13.7
	127	9.6	12.1	10.6	14.0
	157	9.5	12.2	10.6	14.2
	227	9.4	11.8	10.7	14.2
	257	10.0	12.7	10.7	14.1
	327	9.5	11.7	10.7	13.9
	357	9.3	11.6	10.6	13.8
	428	9.5	11.7	10.5	13.7
	458	9.3	11.5	10.4	13.6
	527	9.5	11.7	10.5	13.8
	557	9.6	11.8	10.6	14.1
	627	9.8	12.0	10.8	14.3
	657	9.8	11.8	10.6	14.2
	727	10.0	12.0	10.7	14.3
	757	9.2	11.1	10.6	14.1
	827	9.4	11.3	10.4	13.7
	857	9.3	11.4	10.4	13.5
	927	9.2	11.3	10.4	13.8
	957	8.9	11.0	10.5	13.9
	1027	9.1	11.3	10.5	14.0
	1057	9.1	11.6	10.4	13.7
	1127	9.4	12.0	10.4	13.8
	1157	9.3	11.9	10.3	13.7
	1227	9.5	12.4	10.4	13.9
	1257	9.4	12.2	10.4	14.1
	1327	9.4	12.2	10.5	14.3
	1357	9.4	12.2	10.5	14.3
	1427	9.5	12.2	10.5	14.3
	1457	9.4	12.2	10.5	14.3
	1527	9.7	12.6	10.5	14.2
	1557	9.4	12.1	10.5	14.0
	1627	9.8	12.6	10.4	13.9
	1657	9.3	12.0	10.2	13.5
	1727	9.3	11.8	9.9	13.1
	1757	9.4	12.0	9.8	13.0
	1827	9.4	11.8	9.7	12.7
	1850	9.2	11.3	9.8	12.8
	1926	9.2	11.5	10.4	13.9
	1956	9.2	11.3	10.3	13.7
	2026	9.1	10.9	10.3	13.8
	2057	9.1	10.9	10.2	13.8
	2127	9.0	11.0	10.2	13.5
	2157	9.0	11.0	10.2	13.7
	2227	9.1	11.1	10.3	13.7
	2257	9.0	11.1	10.2	13.6
	2327	9.0	11.1	10.2	13.7
	2357	9.0	11.2	10.2	13.8

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREE OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
11/23/72	27	9.0	11.4	10.2	13.7
	57	9.1	11.7	10.1	13.6
	127	9.0	11.6	10.1	13.7
	157	9.0	11.6	10.3	14.1
	227	9.0	11.7	10.3	14.1
	257	8.9	11.6	10.3	14.1
	327	8.9	11.6	10.4	14.3
	357	9.0	11.7	10.4	14.2
	427	9.1	11.9	10.3	14.0
	457	9.0	11.7	10.2	13.7
	527	8.9	11.9	10.3	13.7
	557	9.0	11.9	10.3	13.9
	627	8.9	11.9	10.2	14.0
	657	8.9	11.8	10.2	13.9
	727	8.9	11.7	10.3	14.1
	757	9.2	12.2	10.4	14.2
	827	9.2	12.2	10.4	14.3
	857	8.7	11.0	10.4	14.2

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREE OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
11/24/72	932	8.2	11.1	10.0	14.0
	1001	8.0	10.7	10.0	14.1
	1031	8.2	11.2	9.7	13.6
	1101	8.4	11.5	9.8	13.8
	1131	8.5	11.5	9.8	13.7
	1201	8.2	11.0	9.7	13.6
	1231	8.3	11.5	9.6	13.5
	1301	8.5	11.6	9.7	13.8
	1331	8.6	11.8	9.6	13.7
	1401	8.6	11.7	9.6	13.7
	1431	8.6	11.7	9.6	13.7
	1501	8.7	12.2	9.7	13.9
	1531	8.8	12.2	9.8	14.1
	1601	8.7	12.2	9.8	14.1
	1631	8.5	11.8	9.8	14.1
	1701	8.9	12.4	9.8	14.0
	1731	8.9	12.8	9.7	13.8
	1801	8.7	11.9	9.8	13.8
	1831	8.4	11.8	9.5	13.5
	1901	8.3	11.4	9.4	13.6
	1931	8.2	11.2	9.6	13.7
	2001	8.1	11.1	9.7	13.8
	2031	8.3	11.1	9.6	13.7
	2101	8.5	11.4	9.8	13.9
	2131	8.5	11.6	9.7	13.8
	2201	8.8	12.0	9.8	13.8
	2231	8.4	11.0	9.7	13.9
	2301	8.1	11.0	9.7	13.7
	2331	8.5	11.3	9.6	13.5

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREE OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
11/24/72	28	8.4	10.9	9.8	13.7
	58	8.3	11.0	9.9	14.0
	128	8.3	11.1	9.9	13.9
	158	8.3	11.1	9.8	13.8
	228	8.3	11.6	9.8	13.7
	258	8.2	11.6	9.7	13.7
	328	8.1	11.6	9.8	13.9
	358	8.2	11.6	9.8	13.9
	428	8.6	11.8	9.9	13.9
	458	9.3	13.0	9.9	13.9
	528	8.7	12.3	10.0	13.9
	558	8.8	12.2	9.9	13.8
	628	8.4	11.5	9.8	13.7
	658	8.5	11.5	9.9	13.9
	729	8.7	12.2	9.9	13.9
	759	8.5	11.7	9.9	13.9
	829	8.5	11.8	9.4	13.3
	859	8.4	11.5	10.0	13.9
	917	8.5	11.3	10.0	13.9

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREE OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
11/25/72	1	8.3	11.2	9.7	13.8
	31	8.5	11.3	9.7	13.8
	101	8.5	11.4	9.6	13.7
	131	8.5	11.4	9.6	13.7
	201	8.5	11.5	9.6	13.7
	231	8.4	11.5	9.6	13.8
	301	8.5	11.5	9.6	13.8
	332	8.5	11.5	9.6	13.7
	402	8.5	11.6	9.6	13.7
	432	8.5	11.5	9.6	13.7
	502	8.3	11.5	9.7	13.9
	532	8.4	11.5	9.8	14.0
	602	8.5	11.6	9.7	13.9
	632	8.6	11.8	9.8	13.9
	702	8.7	12.0	9.7	13.9
	732	8.7	12.0	9.7	13.8
	802	8.5	11.5	9.6	13.7
	832	8.0	11.3	9.6	13.7
	902	8.5	11.5	9.6	13.6
	932	8.5	11.5	9.3	13.1
	1002	8.6	11.7	9.5	13.5
	1032	8.6	11.3	9.7	13.7
	1102	8.6	11.5	9.6	13.6
	1132	8.7	11.6	9.4	13.3
	1202	8.6	11.6	9.6	13.7
	1232	8.3	11.2	9.6	13.6
	1302	8.6	11.8	9.4	13.3
	1332	7.9	11.1	9.2	13.1
	1402	7.9	11.1	9.5	13.5
	1432	8.7	12.2	9.5	13.5
	1502	8.2	11.5	9.5	13.5
	1532	8.7	12.2	9.6	13.8
	1602	8.3	12.0	9.6	13.8
	1632	9.5	12.4	9.6	13.8
	1702	8.5	12.1	9.7	13.8
	1732	8.4	12.1	9.3	14.0
	1802	8.3	12.0	9.7	13.9
	1832	8.3	12.0	9.6	13.6
	1902	8.7	12.2	9.7	13.9
	1932	8.3	11.6	9.7	13.9
	2002	8.1	11.4	9.6	13.7
	2032	8.0	11.3	9.6	13.6
	2102	8.0	11.4	9.6	13.6
	2132	7.8	11.2	9.6	13.7
	2202	7.8	11.0	9.6	13.5
	2232	8.0	11.2	9.5	13.4
	2302	8.0	11.1	9.3	13.0
	2332	8.1	11.3	9.5	13.4

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREE OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
11/26/72	2	8.3	11.5	9.4	13.3
	52	8.4	11.7	9.5	13.4
	102	8.6	12.1	9.6	13.5
	132	8.7	12.4	9.6	13.5
	202	9.0	12.9	9.4	13.3
	232	9.2	13.1	9.3	13.2
	302	9.3	13.4	9.4	13.4
	332	9.5	13.6	9.4	13.4
	402	9.4	13.5	9.3	13.4
	432	9.4	13.6	9.3	13.4
	502	9.0	13.0	9.4	13.5
	532	9.3	13.3	9.4	13.5
	602	9.0	12.8	9.6	13.8
	632	9.1	13.0	9.4	13.6
	702	9.2	13.4	9.5	13.6
	732	9.0	12.5	9.3	13.4

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUDY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREE OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
12/ 4/ 72	1141	9.0	0.0	0.0	0.0
	1210	7.9	10.1	8.7	14.8
	1240	8.1	11.5	8.8	14.9
	1310	8.2	12.1	8.8	14.9
	1340	8.2	11.0	8.8	14.8
	1410	8.1	10.7	8.7	14.8
	1440	8.1	11.7	8.7	14.8
	1510	8.1	11.2	8.7	14.6
	1540	8.0	11.2	8.8	14.8
	1610	8.1	11.7	8.7	14.7
	1640	8.1	11.6	8.7	14.6
	1710	8.1	11.4	8.7	14.6
	1740	8.1	11.2	8.7	14.8
	1810	8.1	10.4	8.7	14.5
	1840	8.3	10.2	8.7	14.8
	1910	8.3	10.1	8.7	14.7
	1940	8.2	10.2	8.7	14.5
	2010	8.1	11.2	8.6	14.3
	2040	8.3	11.7	8.6	14.3
	2110	8.3	11.5	8.6	14.2
	2140	8.3	11.0	8.6	14.3
	2210	8.3	11.2	8.6	14.1
	2240	8.3	12.0	8.6	14.2
	2310	8.3	10.5	8.7	14.3
	2340	8.1	11.2	8.7	14.4

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREE OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
12/ 5/72	10	8.1	11.0	8.7	14.4
	40	8.2	10.8	8.7	14.4
	110	8.1	10.8	8.7	14.8
	140	8.2	11.9	8.7	14.7
	210	8.3	12.9	8.7	14.7
	240	8.3	12.5	8.6	14.4
	310	8.1	11.5	8.7	14.7
	340	8.2	11.7	8.7	14.9
	410	8.3	12.5	8.7	14.9
	440	8.4	11.5	8.7	14.8
	510	8.5	11.4	8.8	14.9
	540	8.3	10.9	8.7	14.9
	610	8.4	10.9	8.7	14.9
	640	8.4	11.6	8.7	14.9
	710	8.3	11.8	8.7	14.8
	740	8.3	12.7	8.7	14.7
	810	8.4	10.7	8.7	14.6
	840	8.4	11.2	8.7	14.6
	910	8.2	11.4	8.7	14.5
	940	8.2	11.5	8.6	14.1
	1010	8.3	11.8	8.6	14.3
	1040	8.3	11.7	8.7	14.4
	1110	8.5	13.0	8.7	14.3
	1140	8.3	11.4	8.7	14.4
	1210	8.3	11.5	8.7	14.5
	1240	8.3	11.8	8.7	14.5
	1310	8.3	11.7	8.7	14.7
	1340	8.4	12.0	8.7	14.9
	1410	8.4	13.0	8.7	14.9
	1440	8.5	14.0	8.7	14.7
	1510	8.3	13.1	8.7	14.8
	1540	8.4	12.5	8.7	14.8
	1610	8.8	11.2	8.6	14.7
	1640	8.8	11.2	8.6	14.6
	1710	8.9	11.0	8.6	14.6
	1740	9.0	10.5	8.6	14.5
	1810	9.0	10.4	8.7	14.5
	1840	8.9	10.3	8.7	14.7
	1910	9.1	10.2	8.6	14.6
	1940	8.9	10.8	8.6	14.5
	2010	8.9	10.9	8.6	14.5
	2040	8.9	11.4	8.6	14.6
	2110	9.0	11.4	8.6	14.5
	2140	8.9	11.9	8.6	14.4
	2210	8.9	11.8	8.5	14.2
	2240	8.9	11.5	8.6	14.3
	2310	8.7	11.5	8.6	14.4
	2340	8.7	11.3	8.6	14.4

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREE OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
12/ 6/72	10	9.3	10.9	8.6	14.3
	40	8.8	11.6	8.6	14.3
	110	8.8	11.3	8.6	14.3
	140	8.7	12.4	8.5	14.6
	210	8.7	12.9	8.6	14.5
	240	8.7	13.0	8.6	14.4
	310	8.7	12.5	8.6	14.3
	340	8.6	12.5	8.6	14.5
	410	8.7	12.1	8.6	14.5
	440	8.8	11.5	8.6	14.5
	510	9.0	11.3	8.6	14.4
	540	8.9	11.5	8.6	14.3
	610	9.0	11.1	8.6	14.5
	640	8.8	11.2	8.6	14.5
	710	8.8	11.7	8.6	14.5
	740	8.7	12.2	8.6	14.5
	810	8.7	11.8	9.6	14.4
	840	8.8	11.8	8.6	14.3
	910	8.8	12.2	8.6	14.1
	940	8.8	12.0	8.6	14.1
	1010	9.3	10.6	8.6	14.1
	1040	9.2	10.8	8.6	14.3
	1110	9.1	11.0	8.6	14.3
	1140	9.2	11.0	8.6	14.4
	1210	8.8	12.3	8.6	14.4
	1240	9.1	11.9	8.6	14.5
	1310	9.3	11.3	8.6	14.4
	1340	9.3	11.5	8.6	14.3
	1410	9.3	11.5	8.7	14.7
	1440	8.9	12.8	8.6	14.5
	1510	8.7	13.1	8.6	14.4
	1540	8.9	12.0	8.6	14.5
	1610	9.4	11.4	8.6	14.2
	1640	9.4	11.3	8.6	13.8
	1710	9.5	11.2	8.5	13.6
	1740	9.7	11.0	8.6	13.8
	1810	9.9	10.9	8.6	14.1
	1840	9.8	10.9	8.6	14.1
	1910	9.7	10.9	8.6	14.1
	1940	9.4	10.9	8.6	14.1
	2010	9.7	10.8	8.6	13.8
	2040	9.6	10.7	8.6	13.8
	2110	9.6	10.6	8.6	14.1
	2140	9.6	10.6	8.6	14.0
	2210	9.6	10.7	8.7	13.8
	2240	9.5	10.8	8.7	13.7
	2310	9.5	10.8	8.8	13.4
	2340	9.6	10.9	8.8	13.3

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREE OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
12/ 7/72	10	9.6	11.0	8.8	13.3
	40	9.5	11.2	8.8	13.4
	110	9.4	11.3	8.7	13.9
	140	9.4	11.4	8.7	13.9
	210	9.3	11.5	8.7	13.9
	240	9.2	11.5	8.7	14.1
	310	9.1	11.3	8.7	13.9
	340	9.1	11.2	8.9	12.2
	410	9.1	11.5	8.7	13.9
	440	9.0	11.6	8.7	14.2
	510	9.0	11.7	8.7	14.2
	540	8.9	12.0	8.6	14.5
	610	8.8	12.1	8.6	14.6
	640	8.9	11.7	8.6	14.6
	710	8.9	11.4	8.6	14.7
	740	8.8	11.2	8.6	14.6
	810	8.8	11.0	8.6	14.5
	840	8.7	11.0	8.7	14.1
	910	8.7	11.0	8.7	13.8
	940	8.7	11.1	8.7	13.3
	1010	8.7	11.0	8.7	13.1
	1040	8.7	11.0	8.7	12.6
	1110	8.7	10.9	8.7	12.6
	1140	8.7	11.0	8.6	12.5
	1210	8.8	11.2	8.6	12.6
	1240	8.9	11.3	8.7	13.0
	1310	8.9	11.4	8.6	13.3
	1340	8.8	11.4	8.5	13.8
	1410	8.8	11.5	8.5	13.9
	1440	8.8	11.5	8.5	13.9
	1510	8.8	11.7	8.6	13.5
	1540	8.8	11.3	8.6	13.4
	1610	8.8	11.8	8.6	13.5
	1640	8.7	11.9	8.5	14.1
	1710	8.6	11.9	8.4	14.2
	1740	8.7	11.8	8.4	14.2
	1811	8.6	11.3	8.4	14.1
	1841	8.6	11.2	8.5	13.8
	1911	8.5	11.0	8.5	13.5
	1941	8.6	11.1	8.5	13.9
	2011	8.5	10.8	8.4	14.1
	2041	8.4	10.5	8.5	13.8
	2111	8.4	10.6	8.5	13.7
	2141	8.5	10.8	8.5	13.7
	2211	8.6	11.7	8.5	13.7
	2241	8.5	10.8	8.5	13.8
	2311	8.3	10.6	8.5	13.9
	2341	8.4	10.9	8.5	13.9

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREE OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
12/ 8/72	11	8.3	11.0	8.4	13.9
	41	8.4	11.4	8.4	13.9
	111	8.5	11.6	8.4	13.8
	141	8.3	11.1	8.4	13.8
	211	8.2	11.1	8.4	13.5
	241	7.8	11.3	8.1	13.8
	311	8.0	12.1	7.9	13.9
	341	7.4	10.8	7.7	13.9
	411	7.3	11.2	7.4	13.9
	441	6.9	11.2	6.9	13.7
	511	6.6	11.5	6.6	13.7
	541	6.4	11.6	6.4	13.9
	611	6.2	11.8	6.4	13.9
	641	6.1	11.7	6.4	14.0
	711	6.0	11.6	6.3	14.1
	741	5.9	11.5	6.2	14.2
	811	5.8	11.0	6.1	0.0

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREE OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
12/12/72	1111	8.7	11.8	8.6	14.5
	1141	8.6	11.4	8.7	14.5
	1211	8.7	12.7	8.7	14.3
	1241	8.7	12.9	8.6	14.3
	1311	8.7	13.0	8.6	14.3
	1341	8.7	12.4	8.6	14.2
	1411	8.6	11.6	8.6	14.2
	1441	8.5	11.0	8.6	14.3
	1511	8.5	11.1	8.6	14.2
	1541	8.5	11.2	8.7	14.2
	1611	8.5	11.2	8.6	14.2
	1641	8.5	11.2	8.6	14.2
	1710	8.5	11.3	8.6	14.2
	1740	8.5	11.3	8.6	14.2
	1810	8.6	11.8	8.6	14.1
	1840	8.6	11.9	8.6	14.3
	1910	8.6	11.9	8.6	14.3
	1940	8.6	11.9	8.6	14.2
	2010	8.6	12.2	8.6	14.1
	2040	8.4	11.1	8.6	14.3
	2110	8.5	11.4	8.6	14.3
	2140	8.5	11.5	8.6	14.3
	2210	8.6	12.0	8.6	14.1
	2240	8.6	11.9	8.6	14.3
	2310	8.5	11.4	8.6	14.3
	2340	8.6	12.0	8.6	14.4

LOCATION 2 RAPPAHANNOCK RIVER SHOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREE OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
12/15/72	10	8.7	12.2	8.6	14.3
	40	8.6	11.8	8.6	14.4
	110	8.7	12.3	8.6	14.3
	140	8.7	12.7	8.7	14.1
	210	8.7	12.5	8.7	14.0
	240	8.6	11.7	8.7	14.0
	310	8.5	11.5	8.7	14.1
	340	8.5	11.6	8.7	14.1
	410	8.5	11.7	8.7	14.1
	440	8.5	11.7	8.7	14.1
	510	8.5	11.5	8.7	14.0
	540	8.5	11.6	8.7	14.1
	610	8.5	11.6	8.7	14.2
	640	8.5	11.7	8.7	14.2
	710	8.4	11.1	8.7	14.2
	740	8.5	11.3	8.7	14.1
	810	8.6	12.1	8.7	14.1
	840	8.6	12.4	8.6	14.2
	910	8.5	11.5	8.7	14.1
	940	8.5	11.4	8.7	13.7
	1010	8.5	11.4	8.7	13.5
	1040	8.6	10.8	8.7	13.5
	1110	8.5	10.0	8.7	14.1
	1140	8.5	10.6	8.7	14.1
	1210	8.3	9.7	8.7	13.8
	1240	8.3	9.7	8.7	14.0
	1310	8.3	10.1	8.7	13.9
	1340	8.3	10.4	8.7	13.7
	1410	8.7	10.6	8.7	13.6
	1440	8.7	10.5	8.7	13.4
	1510	8.8	10.6	8.7	13.3
	1540	8.9	11.1	8.7	13.1
	1610	8.9	11.3	8.7	13.5
	1640	8.6	11.3	8.7	13.6
	1710	8.7	11.8	8.7	13.7
	1740	8.8	11.2	8.7	13.7
	1810	8.9	11.5	8.7	13.7
	1840	8.9	11.2	8.7	14.2
	1910	8.7	11.1	8.7	14.2
	1940	8.7	11.1	8.7	14.1
	2010	8.7	10.7	8.7	13.7
	2040	8.8	10.5	8.7	13.8
	2110	8.8	10.4	8.6	14.1
	2140	8.7	10.2	8.6	14.3
	2210	8.7	10.1	8.7	14.4
	2240	8.6	9.9	8.7	14.3
	2310	8.7	9.9	8.7	14.1
	2340	8.7	9.5	8.7	14.3

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREE OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
12/14/72	10	8.7	9.8	8.6	14.4
	40	8.7	9.9	8.6	14.3
	110	8.7	9.8	8.7	14.2
	140	8.6	9.7	8.6	14.2
	210	8.6	9.4	8.6	14.2
	240	8.9	10.6	8.6	14.2
	310	8.8	10.1	8.7	14.2
	340	8.8	10.1	8.7	14.1
	410	8.8	10.1	8.7	14.0
	440	8.8	11.3	8.7	13.9
	510	8.7	10.4	8.7	14.1
	540	8.7	10.6	8.7	14.1
	610	8.7	11.4	8.7	14.1
	640	8.7	10.9	8.7	14.1
	710	8.8	11.8	8.7	14.2
	740	8.8	12.1	8.7	14.2
	810	8.7	10.6	8.6	14.3
	840	8.7	11.0	8.7	14.3
	910	8.8	11.0	8.7	14.2
	940	8.7	10.2	8.7	14.1
	1010	8.4	10.4	8.6	14.3
	1040	8.3	9.8	8.6	14.2
	1110	8.4	9.6	8.6	14.2
	1140	8.4	9.5	8.6	14.1
	1210	8.3	9.5	8.6	14.2
	1240	8.4	9.5	8.6	14.4
	1310	8.3	9.8	8.6	14.3
	1340	8.3	9.5	8.6	14.1
	1410	8.5	11.0	8.6	14.0
	1440	8.6	11.7	8.6	14.0
	1510	8.6	11.5	8.6	13.9
	1540	8.5	10.6	8.7	14.0
	1610	8.5	10.4	8.7	13.9
	1640	8.5	10.5	8.7	13.9
	1710	8.5	10.8	8.7	14.1
	1740	8.4	10.7	8.7	14.1
	1810	8.4	10.7	8.7	14.1
	1840	8.4	10.6	8.7	14.1
	1910	8.3	10.6	8.7	14.1
	1940	8.4	10.8	8.7	14.1
	2010	8.4	10.8	8.7	14.0
	2040	8.4	10.8	8.7	14.1
	2110	8.6	12.0	8.7	14.0
	2140	8.5	11.3	8.7	14.0
	2210	8.3	10.6	8.7	14.1
	2240	8.3	10.7	8.6	14.2
	2310	8.2	9.9	8.6	14.1
	2340	8.1	9.9	8.6	14.1

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREE OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
12/12/72	1100	8.2	9.8	8.6	14.1
	1140	8.2	9.6	8.7	14.2
	1150	8.3	10.1	8.7	14.1
	1240	8.5	11.9	8.7	14.1
	1250	8.5	11.6	8.7	14.0
	1340	8.4	11.3	8.7	13.9
	1350	8.2	10.4	8.7	13.8
	1440	8.2	10.2	8.7	13.8
	1450	8.2	10.5	8.7	13.9
	1540	8.2	10.6	8.7	13.9
	1550	8.2	10.8	8.7	13.9
	1640	8.2	10.6	8.7	13.9
	1650	8.2	10.6	8.7	13.9
	1740	8.2	10.5	8.7	14.0
	1750	8.2	10.5	8.7	14.1
	1840	8.2	10.5	8.7	14.1
	1850	8.2	10.6	8.6	14.1
	1940	8.2	10.6	8.6	14.2
	1950	8.4	11.4	8.7	14.2
	2040	8.4	11.4	8.7	14.1
	2050	8.3	11.3	8.7	14.0
	2140	8.3	11.1	8.7	14.0
	2150	8.3	11.2	8.7	14.1
	2240	8.4	11.0	8.6	14.1
	2250	8.4	11.9	8.6	14.1
	2340	8.5	12.3	8.6	13.9
	2350	8.3	11.7	8.6	13.8
	2440	8.3	11.5	8.7	13.9
	2450	8.3	11.5	8.7	14.1
	2540	8.3	11.5	8.7	13.9
	2550	8.3	11.4	8.7	13.9
	2640	8.3	11.1	8.6	13.9
	2650	8.2	10.8	8.6	13.9
	2740	8.3	11.1	8.7	13.7
	2750	8.3	11.0	8.6	13.4
	2840	8.3	11.4	8.7	13.7
	2850	8.3	11.3	8.7	13.8
	2940	8.3	11.4	8.7	13.8
	2950	8.3	11.2	8.7	13.7
	3040	8.3	11.2	8.7	13.7
	3050	8.3	11.3	8.7	13.7
	3140	8.3	11.2	8.7	13.7
	3150	8.3	11.4	8.7	13.8
	3240	8.3	11.7	8.7	13.9
	3250	8.3	11.7	8.7	13.9
	3340	8.3	11.9	8.7	13.9
	3350	8.1	11.0	8.7	13.9
	3440	8.1	11.0	8.6	13.9

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W.

TEMP. IN DEGREE OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
12/16/72	10	8.1	10.8	8.6	13.7
	40	8.0	10.2	8.7	14.0
	110	8.1	10.9	8.6	14.0
	140	8.0	10.3	8.6	14.1
	210	7.9	10.1	8.6	14.1
	240	7.9	10.2	8.6	13.9
	310	7.9	10.0	8.6	13.7
	340	7.9	10.1	8.6	13.5
	410	7.9	10.4	8.6	13.5
	440	8.0	10.4	8.7	13.6
	510	7.9	10.4	8.6	13.4
	540	7.9	10.4	8.5	13.1
	610	7.9	10.5	8.3	12.1
	640	7.8	10.6	8.5	12.6
	710	7.8	10.6	8.5	12.9
	740	7.8	10.6	8.5	13.1
	810	7.8	10.8	8.5	13.0
	840	7.8	10.9	8.6	13.5
	910	7.8	10.8	8.6	13.6
	940	7.8	10.8	8.6	13.6
	1010	7.8	10.8	8.6	13.7
	1040	7.8	11.0	8.6	13.6
	1110	7.8	11.2	8.6	13.9
	1140	7.9	11.4	8.6	14.0
	1210	7.8	11.0	8.6	14.1
	1240	7.8	11.1	8.6	14.0
	1310	7.8	11.4	8.6	14.1
	1340	7.8	11.3	8.6	14.1
	1410	7.9	11.7	8.5	13.8
	1440	7.8	11.5	8.6	14.1
	1510	7.8	11.5	8.1	12.5
	1540	7.8	11.6	8.1	12.2
	1610	7.8	11.6	7.8	11.5
	1640	7.7	11.6	7.7	11.1
	1710	7.7	11.6	7.7	11.2
	1740	7.7	11.6	7.9	11.6
	1810	7.5	11.5	7.7	11.5
	1840	7.5	11.5	7.5	11.2
	1910	7.5	11.5	7.5	11.1
	1940	7.4	11.5	7.5	11.2
	2010	7.4	11.5	7.5	11.2
	2040	7.4	11.5	7.4	11.1
	2110	7.4	11.5	7.3	11.1
	2140	7.3	11.4	7.2	11.0
	2210	7.0	11.1	7.3	11.1
	2240	7.1	11.1	7.1	10.9
	2310	6.6	10.4	7.1	10.8
	2340	6.7	10.5	7.0	10.7

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREE OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
12/17/72	10	6.8	10.7	7.2	10.8
	40	6.9	10.9	7.4	11.0
	110	6.8	11.0	7.4	11.1
	140	6.8	11.0	7.4	11.1
	210	7.0	11.2	7.4	11.2
	241	6.9	11.2	7.3	11.3
	311	6.9	11.2	7.2	11.3
	341	6.8	11.2	7.3	11.5
	412	6.7	11.2	7.3	11.3
	442	5.9	10.8	7.2	11.2
	512	5.9	10.7	7.1	11.1
	542	6.5	11.1	6.8	10.9
	612	6.4	11.0	6.5	10.8
	642	6.4	11.0	6.6	10.8
	712	6.5	11.1	6.7	10.9
	742	6.6	11.1	6.7	10.9
	812	6.7	11.2	6.8	10.9
	842	6.6	11.2	7.0	11.4
	912	6.4	11.2	7.4	12.1
	942	6.4	11.2	7.5	12.3
	1012	6.4	11.3	7.7	12.5
	1042	6.4	11.4	7.6	12.4
	1112	5.5	11.4	7.0	12.1
	1142	5.0	10.0	6.6	11.0
	1212	5.4	10.1	5.4	9.9
	1242	5.5	10.4	5.7	10.3
	1312	6.0	10.8	6.0	10.5
	1342	6.4	11.1	6.4	10.9
	1412	6.1	10.8	6.1	10.5
	1442	6.1	10.8	6.1	10.5
	1512	6.2	10.8	6.2	10.5
	1542	6.1	10.8	6.1	10.5
	1612	6.1	10.8	6.0	10.4
	1642	6.0	10.6	5.9	10.3
	1713	5.6	10.5	5.8	10.3
	1743	5.8	10.6	5.8	10.3
	1812	5.3	10.6	5.9	10.4
	1842	5.4	10.5	5.8	10.4
	1912	5.8	10.7	5.8	10.5
	1942	5.8	10.5	5.9	10.5
	2012	5.3	10.3	5.7	10.5
	2042	5.5	10.8	5.5	10.5
	2112	5.3	10.7	5.8	10.7
	2142	5.3	10.8	6.0	10.7
	2212	5.4	10.8	6.1	10.8
	2242	5.6	10.8	6.2	10.9
	2312	5.5	10.8	6.2	10.9
	2342	5.4	10.7	6.0	10.8

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREE OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
12/19/72	1120	4.8	10.6	5.5	11.0
	1120	4.8	10.6	5.5	11.1
	1149	5.2	11.0	5.7	11.3
	1219	4.9	10.7	5.7	11.3
	1249	5.4	11.2	5.8	11.4
	1319	5.2	10.8	5.8	11.3
	1349	5.3	10.4	5.9	11.5
	1419	5.1	10.4	5.6	11.2
	1449	4.9	10.2	5.3	10.6
	1519	5.0	10.0	5.2	10.5
	1549	5.0	10.0	5.1	10.1
	1619	5.0	10.0	5.0	9.9
	1649	5.0	10.0	5.0	10.0
	1719	5.0	9.9	5.1	10.0
	1749	5.1	9.7	5.1	9.7
	1819	5.1	9.8	5.1	9.6
	1849	5.1	9.9	5.1	9.6
	1919	5.1	9.8	5.1	9.6
	1949	5.1	9.9	5.2	10.3
	2019	5.1	10.2	5.2	10.3
	2049	5.1	10.2	5.5	10.9
	2119	5.2	10.6	5.5	10.9
	2149	5.1	10.7	5.5	10.9
	2219	5.1	10.8	5.5	11.0
	2249	5.1	11.0	5.6	11.1
	2319	5.2	11.0	5.5	11.0
	2349	5.3	11.0	5.5	10.9

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREE OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
12/20/72	19	5.3	11.0	5.7	11.2
	49	5.0	10.9	5.8	11.5
	119	5.5	11.4	5.7	11.5
	149	5.2	10.6	5.9	11.5
	219	5.1	10.7	5.7	11.3
	249	5.1	10.5	5.6	11.1
	319	5.1	10.4	5.8	11.4
	349	5.1	10.0	5.5	10.9
	419	5.1	10.1	5.3	10.5
	449	5.1	10.2	5.2	10.0
	519	5.2	10.3	5.2	10.1
	549	5.2	10.3	5.2	10.0
	619	5.3	10.4	5.5	10.8
	649	5.2	10.4	5.5	10.8
	719	5.2	10.3	5.4	10.6
	749	5.1	10.4	5.4	10.6
	819	5.2	10.2	5.4	10.6
	849	5.2	10.4	5.4	10.7
	919	5.2	10.5	5.4	10.8
	949	5.3	11.0	5.6	11.3
	1019	5.5	11.2	5.7	11.4
	1049	5.6	11.3	5.8	11.6
	1119	5.7	11.3	5.9	11.7
	1149	5.7	11.3	5.9	11.8
	1219	5.7	11.2	5.9	11.7
	1249	5.8	11.4	5.9	11.7
	1319	5.8	11.3	5.9	11.8
	1349	5.8	11.1	5.9	11.7
	1419	5.8	11.0	5.8	11.6
	1449	5.9	11.0	5.7	11.4
	1519	5.7	10.4	5.6	11.1
	1549	5.5	10.0	5.6	11.0
	1619	5.5	10.2	5.8	11.5
	1649	5.7	10.1	5.8	11.4
	1719	5.8	10.6	5.7	10.3
	1749	5.8	10.6	5.7	10.3
	1819	5.7	10.4	5.7	10.3
	1849	5.7	10.1	5.7	10.0
	1919	5.7	10.2	5.7	10.0
	1949	5.7	10.3	5.8	11.0
	2019	5.7	10.2	5.8	10.6
	2049	5.7	10.3	5.8	10.7
	2119	5.8	10.5	5.8	11.2
	2149	5.7	10.8	5.8	11.1
	2219	5.8	10.8	5.8	11.1
	2249	5.7	10.8	5.9	11.2
	2319	5.7	10.9	5.9	11.3
	2349	5.7	10.9	5.9	11.3

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREE OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
12/21/72	19	5.7	10.9	6.0	11.4
	49	5.9	11.6	6.0	11.6
	119	5.7	10.9	6.0	11.8
	149	5.8	11.0	6.1	11.9
	219	5.7	10.8	6.1	11.9
	249	5.8	10.8	6.0	11.8
	319	5.8	10.8	6.0	11.8
	349	5.7	10.8	6.0	11.5
	419	5.7	10.6	5.9	11.3
	449	5.7	10.6	5.9	11.4
	519	5.7	10.4	5.9	11.4
	549	5.7	10.4	6.0	11.6
	619	5.7	10.4	6.0	11.6
	649	5.8	10.2	6.0	11.6
	719	5.8	10.3	6.0	11.6
	749	5.8	10.4	6.0	11.6
	819	5.7	10.3	6.0	11.5
	849	5.7	10.3	6.0	11.4
	919	5.8	10.6	6.0	11.4
	949	5.8	11.0	6.0	11.4
	1019	5.8	11.0	6.0	11.7
	1049	5.8	10.9	6.0	11.6
	1119	5.9	10.9	6.0	11.5
	1149	5.9	11.1	6.1	12.0
	1219	6.0	11.0	6.2	12.0
	1249	6.0	11.0	6.2	12.1
	1319	6.0	11.0	6.2	12.2
	1349	6.0	11.1	6.2	12.1
	1419	6.0	11.7	6.2	12.2
	1449	6.0	11.0	6.2	12.2
	1519	6.0	11.8	6.2	12.2
	1549	6.0	11.0	6.2	12.1
	1619	6.0	11.0	6.1	12.0
	1649	6.2	10.8	6.1	11.7
	1719	6.3	10.8	6.2	11.7
	1749	6.1	10.8	6.2	11.6
	1819	6.2	10.8	6.1	11.7
	1849	6.3	10.6	6.1	11.7
	1919	6.1	10.5	6.2	11.9
	1949	6.1	10.6	6.2	11.9
	2019	6.0	10.7	6.2	11.8
	2049	6.1	11.0	6.2	11.7
	2119	6.1	10.6	6.2	11.6
	2149	6.1	10.5	6.2	11.7
	2219	6.2	10.7	6.1	11.6
	2249	6.3	10.9	6.1	11.6
	2319	6.3	11.0	6.1	11.5
	2349	6.2	11.1	6.2	11.7

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREE OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
12/22/72	19	6.2	11.3	6.2	11.8
	49	6.2	11.6	6.2	12.0
	119	6.4	11.4	6.2	12.0
	149	6.3	11.3	6.2	12.0
	219	6.3	11.5	6.2	12.1
	249	6.2	11.7	6.2	12.2
	319	6.3	11.7	6.1	12.2
	349	6.2	11.9	6.2	12.2
	419	6.2	12.1	6.1	12.2
	449	6.3	11.5	6.2	12.2
	519	6.3	11.4	6.2	12.0
	549	6.4	11.4	6.3	11.9
	619	6.4	11.2	6.3	11.8
	649	6.4	10.8	6.4	11.2
	719	6.4	10.9	6.4	11.5
	749	6.4	10.9	6.3	11.9
	819	6.4	11.0	6.3	11.8
	849	6.4	11.1	6.3	11.8
	919	6.3	10.7	6.3	11.8
	949	6.4	10.8	6.3	11.7
	1019	6.4	10.9	6.3	11.6
	1049	6.4	11.0	6.3	11.5
	1119	6.4	11.1	6.3	11.5
	1149	6.4	11.3	6.3	11.6
	1219	6.4	11.4	6.3	11.7
	1249	6.4	11.2	6.3	12.0
	1319	6.4	11.3	6.2	12.1
	1349	6.4	11.5	6.2	12.2
	1419	6.5	11.8	6.2	12.2
	1449	6.4	12.1	6.2	12.3
	1519	6.4	11.5	6.2	12.3
	1549	6.3	12.3	6.2	12.4
	1619	6.4	11.6	6.2	12.4
	1649	6.5	11.3	6.2	12.3
	1719	6.4	11.4	6.3	11.9
	1749	6.4	11.3	6.3	11.8
	1819	6.4	11.3	6.4	11.5
	1849	6.4	11.2	6.4	11.5
	1919	6.4	11.2	6.4	11.4
	1949	6.3	11.5	6.3	11.4
	2019	6.4	11.1	6.3	11.4
	2049	6.4	11.3	6.3	11.3
	2119	6.4	11.4	6.3	11.3
	2149	6.4	11.2	6.4	11.2
	2219	6.4	11.1	6.4	11.1
	2249	6.4	11.2	6.3	11.3
	2319	6.4	11.2	6.3	11.5
	2349	6.4	11.4	6.3	11.9

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREE OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
12/23/72	19	6.4	11.3	6.3	12.1
	49	6.4	11.1	6.3	12.1
	119	6.4	11.2	6.3	12.1
	149	6.4	11.2	6.3	12.2
	219	6.4	11.2	6.3	12.2
	249	6.4	11.2	6.3	12.2
	319	6.4	11.3	6.3	12.3
	349	6.4	11.3	6.3	12.4
	419	6.4	11.1	6.3	12.3
	449	6.4	11.0	6.2	12.4
	519	6.4	11.4	6.3	12.3
	549	6.0	0.4	4.3	12.2
	619	6.4	11.3	6.3	12.2
	649	6.4	11.2	6.3	11.9
	719	6.4	11.1	6.3	11.7
	749	6.4	11.2	6.3	11.6
	819	6.3	11.0	6.3	11.6
	849	6.3	10.9	6.3	11.4
	919	6.3	11.0	6.4	11.4
	949	6.4	10.9	6.4	11.8
	1019	6.4	10.9	6.3	11.8
	1049	6.4	10.9	6.3	11.9
	1119	6.4	10.9	6.3	11.7
	1149	6.3	10.9	6.3	11.9
	1219	6.4	11.0	6.3	11.8
	1249	6.4	11.0	6.3	11.8
	1319	6.4	11.2	6.3	12.0
	1349	6.4	11.2	6.3	12.1
	1419	6.4	11.3	6.3	12.0
	1449	6.4	11.2	6.3	12.4
	1519	6.4	11.2	6.3	12.4
	1549	6.4	11.2	6.3	12.4
	1619	6.4	11.2	6.3	12.4
	1649	6.4	11.2	6.3	12.4
	1718	6.4	11.1	6.3	12.4
	1748	6.4	11.2	6.3	12.1
	1818	6.4	11.1	6.3	12.0
	1848	6.4	11.4	6.3	11.8
	1918	6.4	11.1	6.4	11.6
	1948	6.3	10.9	6.3	11.7
	2018	6.3	11.2	6.3	11.8
	2048	6.3	11.0	6.3	11.4
	2118	6.3	11.0	6.4	11.2
	2148	6.3	10.8	6.4	11.1
	2218	6.3	10.7	6.4	11.1
	2248	6.3	10.9	6.3	12.1
	2318	6.3	10.9	6.3	12.2
	2348	6.3	10.8	6.3	12.3

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREE OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
12/24/72	18	6.3	10.8	6.3	12.3
	48	6.3	10.7	6.3	12.2
	118	6.3	10.6	6.3	12.2
	148	6.3	10.6	6.3	12.4
	218	6.3	10.8	6.3	12.4
	248	6.3	11.0	6.3	12.4
	318	6.3	10.9	6.3	12.4
	348	6.4	11.0	6.3	12.4
	418	6.3	11.0	6.3	12.4
	448	6.3	10.8	6.3	12.4
	518	6.3	10.7	6.3	12.3
	548	6.3	11.2	6.3	12.4
	618	6.3	10.8	6.3	12.3
	648	6.3	11.4	6.3	12.2
	718	6.3	10.9	6.3	12.2
	748	6.3	10.8	6.3	11.9
	818	6.3	10.6	6.3	12.2
	848	6.3	10.6	6.3	12.1
	918	6.3	10.6	6.3	12.4
	948	6.3	10.7	6.3	12.4
	1018	6.3	10.4	6.3	12.5
	1048	6.3	10.4	6.3	12.4
	1118	6.3	10.4	6.3	12.4
	1148	6.3	10.6	6.3	12.2
	1218	6.3	10.4	6.4	12.1
	1248	6.3	10.5	6.4	12.0
	1318	6.3	10.4	6.4	12.2
	1348	6.3	11.2	6.4	12.2
	1418	6.3	11.2	6.4	12.2
	1448	6.3	11.1	6.4	12.2
	1518	6.3	11.0	6.4	12.2
	1548	6.3	11.0	6.4	12.3
	1618	6.3	11.1	6.4	12.4
	1648	6.4	10.8	6.4	12.4
	1718	6.3	11.5	6.4	12.3
	1748	6.4	11.9	6.4	12.2
	1818	6.4	11.9	6.4	12.4
	1848	6.3	11.6	6.4	12.5
	1918	6.4	11.5	6.4	12.0
	1948	6.3	10.9	6.4	11.8
	2018	6.3	0.0	0.0	0.0
	2048	6.3	11.0	6.4	11.7
	2118	6.4	11.0	6.4	12.5
	2148	6.3	10.9	6.4	11.7
	2218	6.3	10.6	6.3	12.4
	2248	6.3	10.8	6.4	12.4
	2318	6.3	10.9	6.4	12.2
	2348	6.3	10.7	6.4	12.1

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREE OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
12/25/72	18	6.3	10.8	6.4	12.3
	48	6.3	10.6	6.4	12.3
	118	6.3	10.7	6.4	12.2
	148	6.3	10.9	6.4	12.0
	218	6.3	10.9	6.4	12.3
	248	6.3	10.6	6.4	12.5
	318	6.4	10.8	6.4	12.4
	348	6.4	10.6	6.4	12.5
	418	6.4	10.7	6.4	12.5
	448	6.4	11.1	6.4	12.5
	518	6.4	11.0	6.4	12.4
	548	6.4	10.4	6.4	12.4
	618	6.4	11.1	6.4	12.4
	648	6.4	11.3	6.4	12.4
	718	6.4	10.6	6.4	12.2
	748	6.4	11.1	6.4	12.4
	818	6.3	11.2	6.4	12.4
	848	6.4	10.9	6.4	12.3
	918	6.4	10.8	6.4	12.3
	948	6.3	10.1	6.4	12.3
	1018	6.2	9.5	6.4	12.3
	1048	6.3	10.6	6.4	12.4
	1118	6.3	10.7	6.4	12.4
	1148	6.3	10.0	6.4	12.3
	1218	6.3	10.2	6.4	12.1
	1248	6.3	10.6	6.4	12.3
	1318	6.3	10.4	6.4	12.2
	1348	6.3	10.2	6.4	12.3
	1418	6.3	10.1	6.4	12.2
	1448	6.3	10.0	6.4	12.4
	1518	6.3	10.2	6.4	12.4
	1548	6.4	10.5	6.4	12.3
	1618	6.4	10.4	6.4	12.3
	1648	6.4	10.5	6.4	12.5
	1718	6.4	10.6	6.4	12.5
	1748	6.4	11.0	6.4	12.4
	1818	6.4	12.2	6.4	12.4
	1848	6.4	10.9	6.4	12.4
	1918	6.4	10.7	6.4	12.3
	1948	6.3	10.2	6.4	12.4
	2018	6.4	10.4	6.4	12.4
	2048	6.4	10.0	6.4	12.4
	2118	6.4	10.2	6.4	12.3
	2148	6.3	10.2	6.4	12.2
	2218	6.4	10.4	6.4	12.6
	2248	6.4	10.5	6.4	12.5
	2318	6.4	10.4	6.4	12.6
	2348	6.3	10.2	6.4	12.6

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREE OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
12/26/72	18	6.3	10.2	6.4	12.5
	48	6.4	10.6	6.4	12.5
	118	6.3	10.2	6.4	12.4
	148	6.3	10.1	6.4	12.4
	218	6.3	10.0	6.4	12.3
	248	6.3	10.3	6.4	12.3
	318	6.3	10.2	6.4	12.3
	348	6.4	10.9	6.4	12.3
	418	6.4	10.6	6.4	12.3
	448	6.4	10.9	6.4	12.4
	518	6.4	10.6	6.4	12.5
	548	6.4	10.7	6.4	12.5
	618	6.4	11.9	6.4	12.6
	648	6.4	11.0	6.4	12.4
	718	6.4	11.7	6.4	12.4
	748	6.4	11.5	6.4	12.4
	818	6.4	11.6	6.4	12.2
	848	6.4	11.1	6.4	12.2
	918	6.4	11.3	6.4	12.5
	948	6.4	11.2	6.4	12.5
	1018	6.4	10.8	6.4	12.4
	1048	6.3	10.8	6.4	12.5
	1118	6.4	11.2	6.4	12.6
	1148	6.4	10.9	6.4	12.6
	1218	6.3	10.1	6.4	12.6
	1248	6.4	10.7	6.4	12.6
	1318	6.4	9.9	6.4	12.4
	1348	6.4	11.1	6.4	12.4
	1418	6.4	11.0	6.4	12.2
	1448	6.4	9.8	6.4	12.3
	1518	6.4	10.4	6.5	12.3
	1548	6.4	10.9	6.5	12.3
	1618	6.4	10.0	6.5	12.2
	1648	6.4	10.2	6.5	12.3
	1718	6.4	10.2	6.5	12.4
	1748	6.4	10.4	6.5	12.5
	1818	6.5	10.4	6.5	12.4
	1848	6.4	10.7	6.5	12.4
	1918	6.4	10.8	6.5	12.4
	1948	6.4	11.6	6.4	12.4
	2018	6.4	11.0	6.5	12.4
	2048	6.4	10.8	6.5	12.3
	2118	6.3	9.8	6.5	12.3
	2148	6.3	9.6	6.5	12.3
	2218	6.3	10.0	6.5	12.2
	2248	6.3	9.6	6.5	12.3
	2318	6.3	9.2	6.4	12.4
	2348	6.2	9.1	6.4	12.5

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREE OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
12/27/72	18	6.2	8.7	6.5	12.4
	48	6.2	8.7	6.5	12.3
	118	6.2	9.0	6.5	12.4
	148	6.2	9.0	6.5	12.4
	218	6.1	8.8	6.5	12.4
	248	6.1	8.9	6.5	12.5
	318	6.1	9.1	6.5	12.3
	348	6.1	9.1	6.5	12.2
	418	6.1	8.9	6.5	12.0
	448	6.1	9.0	6.5	12.0
	518	6.0	9.2	6.5	12.0
	548	6.0	9.3	6.5	12.5
	618	6.1	9.4	6.5	12.6
	648	6.1	9.6	6.5	12.6
	718	6.0	9.7	6.5	12.5
	748	6.1	10.0	6.5	12.5
	818	6.0	10.0	6.5	12.4
	848	6.1	10.0	6.5	12.4
	918	6.0	9.6	6.5	12.5
	948	6.0	10.0	6.5	12.6
	1018	6.0	9.7	6.5	12.6
	1048	5.9	9.1	6.5	12.7
	1118	6.0	9.0	6.5	12.6
	1148	6.0	8.9	6.5	12.7
	1218	6.0	9.0	6.5	12.7
	1248	6.0	8.9	6.5	12.7
	1318	6.0	8.8	6.5	12.6
	1348	6.1	8.9	6.5	12.4
	1418	6.1	8.8	6.5	12.2
	1448	6.1	8.9	6.5	11.9
	1518	6.1	8.9	6.4	11.4
	1548	6.1	9.1	6.3	10.5
	1618	6.1	9.9	6.3	10.7
	1648	6.1	9.8	6.4	11.4
	1718	6.1	9.4	6.4	11.1
	1748	6.1	9.4	6.5	12.1
	1818	6.1	9.4	6.5	12.2
	1848	6.1	9.8	6.5	12.2
	1918	6.1	9.3	6.4	11.8
	1948	6.1	10.0	6.5	12.2
	2018	6.1	9.4	6.5	12.3
	2048	6.1	10.8	6.5	12.4
	2118	6.1	10.3	6.5	12.5
	2148	6.2	10.4	6.5	12.5
	2218	6.1	10.1	6.5	12.7
	2248	6.1	10.3	6.5	12.7
	2318	6.1	9.7	6.5	12.5
	2348	6.1	9.8	6.5	12.4

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREE OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
12/26/72	18	6.0	9.3	6.5	12.4
	48	6.0	9.4	6.5	12.6
	118	5.7	8.5	6.5	12.6
	148	5.8	8.7	6.5	12.5
	218	5.7	8.5	6.5	12.6
	248	6.0	9.7	6.5	12.5
	318	5.8	9.3	6.5	12.3
	348	5.8	9.6	6.4	11.6
	418	5.3	9.5	6.4	11.5
	448	5.8	9.4	6.4	11.7
	518	5.8	9.3	6.5	12.4
	548	5.9	9.8	6.5	12.2
	618	5.8	9.5	6.5	12.2
	648	5.8	9.6	6.6	12.7
	718	5.8	9.7	6.6	12.7
	748	5.8	9.7	6.6	12.6
	818	5.9	10.2	6.6	12.7
	848	5.9	9.9	6.6	12.6
	918	5.9	10.2	6.5	12.6
	948	5.9	10.2	6.5	12.5
	1018	5.8	9.9	6.5	12.6
	1048	5.7	9.5	6.6	12.8
	1118	5.7	9.5	6.6	12.8
	1148	5.3	9.3	6.5	12.8
	1218	5.7	9.2	6.6	12.8
	1248	5.8	9.4	6.6	12.7
	1318	5.7	9.3	6.6	12.7
	1348	5.9	8.8	6.6	12.7
	1418	5.9	9.6	6.6	12.6
	1448	5.8	8.9	6.6	12.7
	1518	5.9	8.7	6.6	12.7
	1548	5.9	8.8	6.6	12.7
	1618	5.9	9.8	6.6	12.6
	1648	5.9	9.2	6.6	12.6
	1718	6.1	9.1	6.6	12.6
	1748	6.2	9.2	6.6	12.6
	1818	6.2	9.5	6.6	12.6
	1848	6.2	9.3	6.6	12.7
	1918	6.1	9.1	6.6	12.8
	1948	6.1	9.1	6.6	12.8
	2018	6.2	8.9	6.6	12.8
	2048	6.1	9.0	6.6	12.8
	2118	6.1	9.7	6.6	12.8
	2148	6.1	9.8	6.6	12.8
	2218	6.0	9.4	6.6	12.7
	2248	6.1	10.2	6.6	12.7
	2318	5.9	8.1	6.6	12.7
	2348	5.9	8.3	6.6	12.7

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREE OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
12/29/72	18	5.9	8.5	6.6	12.8
	48	5.9	8.4	6.6	12.8
	118	5.9	8.3	6.6	12.8
	148	5.9	8.1	6.6	12.8
	218	5.9	8.5	6.6	12.8
	248	6.2	11.1	6.6	12.8
	318	6.2	11.1	6.6	12.7
	348	6.1	10.0	6.6	12.7
	418	6.0	9.2	6.6	12.6
	448	5.9	9.8	6.6	12.6
	518	5.9	9.5	6.6	12.6
	548	6.1	9.8	6.6	12.6
	618	5.9	9.3	6.6	12.7
	648	6.0	9.0	6.6	12.7
	718	5.9	8.9	6.6	12.7
	748	6.1	9.7	6.6	12.7
	818	5.9	9.1	6.6	12.8
	848	6.2	10.9	6.6	12.8
	918	6.2	10.6	6.6	12.7
	948	6.2	10.8	6.6	12.7
	1018	6.1	10.7	6.6	12.8
	1025	6.2	11.1	6.6	12.8

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREE OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
12/29/72	1100	0.0	0.0	0.0	0.0
	1159	6.1	11.0	6.6	12.8
	1229	6.1	10.1	6.6	12.6
	1259	6.1	10.2	6.6	12.6
	1329	6.2	11.2	6.6	12.7
	1359	6.1	10.4	6.6	12.7
	1429	6.2	11.0	6.6	12.8
	1459	6.3	11.3	6.6	12.7
	1529	6.1	10.6	6.6	12.7
	1559	6.1	10.8	6.6	12.5
	1629	6.3	11.3	6.6	12.5
	1659	6.2	11.0	6.6	12.5
	1729	6.1	10.9	6.6	12.5
	1759	6.1	10.6	6.6	12.6
	1829	6.1	10.3	6.6	12.6
	1859	6.0	10.1	6.6	12.6
	1929	6.1	10.2	6.6	12.6
	1959	5.9	9.4	6.6	12.6
	2029	5.9	9.8	6.6	12.6
	2059	5.9	9.8	6.6	12.6
	2129	6.1	10.6	6.6	12.6
	2159	6.1	10.9	6.6	12.6
	2229	6.1	10.7	6.6	12.6
	2259	6.2	11.0	6.6	12.6
	2329	6.2	11.2	6.6	12.6
	2359	6.2	11.5	6.6	12.5

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREE OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
12/30/72	29	6.2	10.9	6.6	12.5
	59	6.2	10.6	6.6	12.4
	129	6.2	10.5	6.6	12.3
	159	6.1	10.5	6.6	12.4
	229	5.9	9.9	6.6	12.6
	259	6.1	10.6	6.6	12.6
	329	6.1	10.3	6.6	12.6
	359	6.1	10.0	6.6	12.6
	429	6.1	10.0	6.6	12.5
	459	6.1	10.4	6.6	12.4
	529	6.1	10.0	6.6	12.4
	559	5.9	9.5	6.6	12.4
	629	6.0	0.0	4.0	0.0
	659	5.9	10.3	6.6	12.5
	729	5.5	8.4	6.6	12.4
	759	5.5	8.5	6.6	12.4
	829	5.6	9.2	6.6	12.5
	859	13.6	8.5	6.6	12.5
	929	5.7	10.0	6.6	12.5
	959	6.1	10.6	6.6	12.5
	1029	6.3	11.0	6.6	12.5
	1059	6.3	11.4	6.6	12.6
	1129	6.3	11.6	6.6	12.6
	1159	6.2	11.2	6.6	12.5
	1229	6.1	10.7	6.6	12.4
	1259	6.1	10.4	6.6	12.5
	1329	6.2	11.1	6.6	12.6
	1359	6.0	9.9	6.6	12.6
	1429	5.9	9.9	6.6	12.6
	1459	6.1	10.1	6.6	12.6
	1529	6.2	10.5	6.6	12.6
	1559	6.1	10.1	6.6	12.6
	1629	6.1	10.2	6.6	12.6
	1659	5.9	9.7	6.6	12.6
	1729	5.9	10.0	6.6	12.5
	1759	6.2	10.9	6.6	12.4
	1829	6.2	11.1	6.6	12.3
	1859	6.1	10.8	6.6	12.3
	1929	6.1	10.4	6.6	12.3
	1959	6.1	10.2	6.6	12.4
	2029	6.1	9.8	6.6	12.4
	2059	5.9	9.6	6.6	12.4
	2129	5.9	9.3	6.6	12.3
	2159	5.8	9.0	6.6	12.4
	2229	5.8	9.1	6.6	12.4
	2259	6.0	10.4	6.6	12.4
	2329	6.3	11.4	6.6	12.4
	2359	6.1	10.7	6.6	12.3

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREE OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
12/31/72	29	6.1	10.0	6.6	12.2
	59	5.9	9.7	6.6	12.3
	129	5.9	9.0	6.6	12.4
	159	5.9	9.1	6.6	12.4
	229	6.0	10.7	6.6	12.4
	259	6.1	10.8	6.6	12.4
	329	6.1	11.1	6.6	12.5
	359	6.3	11.0	6.6	12.4
	429	6.3	11.0	6.6	12.3
	459	6.3	11.0	6.6	12.3
	529	6.2	11.0	6.6	12.2
	559	6.1	10.4	6.6	12.1
	629	6.1	10.3	6.6	12.2
	659	6.1	10.0	6.6	12.2
	729	6.0	9.9	6.6	12.2
	759	6.0	9.7	6.6	12.2
	829	6.0	10.6	6.6	12.3
	859	6.1	10.8	6.6	12.3
	929	6.1	11.1	6.6	12.3
	959	5.9	9.5	6.6	12.4
	1029	5.9	9.9	6.6	12.5
	1059	6.0	10.4	6.6	12.5
	1129	6.0	10.7	6.6	12.5
	1159	6.3	11.9	6.6	12.5
	1229	6.3	11.7	6.6	12.6
	1259	6.4	11.7	6.6	12.6
	1329	6.4	10.6	6.6	12.4
	1359	6.4	10.8	6.6	12.2
	1429	6.5	10.6	6.6	12.2
	1459	6.6	10.3	6.5	11.4
	1529	6.8	9.5	6.6	10.6
	1559	6.6	9.6	6.6	10.0
	1629	6.5	9.7	6.6	12.0
	1659	6.5	9.8	6.6	11.0
	1729	7.0	9.1	6.6	10.5
	1759	7.0	9.1	6.7	10.4
	1829	6.9	9.3	6.7	10.3
	1859	7.0	9.5	6.6	11.0
	1929	6.8	9.7	6.6	10.7
	1959	6.8	9.6	6.6	11.0
	2029	6.6	9.9	6.6	11.0
	2059	7.0	9.9	6.6	10.6
	2129	7.0	10.0	6.6	10.8
	2159	6.8	9.8	6.7	10.5
	2229	6.9	9.8	6.6	10.8
	2259	6.8	9.8	6.7	10.7
	2329	6.9	9.8	6.6	10.9
	2359	6.8	10.2	6.7	11.1

Rappahannock River Bridge

1973

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
4/ 7/78	11		14.3	11.3	11.8
	41		14.3	10.9	12.0
	111		14.3	10.7	12.3
	141		14.3	10.7	12.2
	211		14.3	10.6	12.4
	241		14.3	10.7	12.2
	311		14.3	10.9	12.2
	341		14.3	11.3	11.8
	411		14.3	11.4	11.7
	441	9.4	10.8	11.1	11.6
	511	10.4	10.8	11.3	11.5
	541	10.4	10.8	11.2	11.1
	611	9.2	10.2	11.1	10.8
	641	9.4	10.2	11.1	10.7
	711	9.7	10.2	11.1	10.6
	741	9.9	10.4	11.1	10.7
	811	9.5	10.4	11.1	11.2
	841	9.6	10.4	11.0	11.5
	911	9.6	10.3	10.8	11.8
	941	9.8	10.2	10.8	11.8
	1011	9.8	10.0	10.8	11.8
	1041	10.9	11.0	10.9	11.6
	1111	10.7	11.5	10.9	11.6
	1141	10.8	11.1	10.9	11.7
	1211	10.7	11.6	10.9	11.7
	1241	10.8	11.5	10.8	11.9
	1311	10.6	11.4	10.8	11.8
	1341	10.6	11.4	10.7	12.0
	1411	10.9	11.0	10.6	12.2
	1441	11.0	11.0	10.5	12.4
	1511	10.9	11.0	10.6	12.3
	1541	10.2	11.9	10.4	12.6
	1611	10.5	11.4	10.5	12.6
	1641	11.2	11.3	10.7	12.2
	1711	11.0	11.2	10.7	12.2
	1741	10.7	11.0	10.8	12.0
	1811	10.7	11.0	10.9	11.6
	1841	10.9	10.9	11.3	11.2
	1911	10.7	10.9	11.3	11.1
	1941	10.7	11.0	10.8	11.9
	2011	10.6	11.1	10.7	12.0
	2041	10.5	11.2	10.8	11.8
	2111	10.4	11.4	10.7	11.9
	2141	10.4	11.5	10.7	12.0
	2211	10.5	11.4	10.8	11.9
	2241	10.4	11.6	11.1	11.6
	2311	10.6	11.2	11.2	11.1
	2341	10.8	11.4	11.3	11.4

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
4/ 8/73	11	10.7	11.6	11.2	11.5
	41	10.5	11.7	11.2	11.5
	111		12.8	11.1	11.8
	141	10.5	11.6	10.8	11.9
	211	10.4	11.7	10.8	12.1
	241	10.3	11.6	10.7	12.1
	311		13.0	10.8	12.2
	341		13.0	10.7	12.2
	411		13.0	10.4	13.1
	441		13.0	10.5	13.0
	511		13.0	10.6	12.7
	541	10.3	11.6	11.0	11.7
	611	10.3	11.6	10.9	11.9
	641	10.2	11.6	10.7	12.0
	711	10.3	11.5	10.7	12.1
	741	10.0	11.6	10.8	11.9
	811	10.1	11.6	10.9	11.8
	841	10.1	11.5	10.9	11.7
	911	10.2	11.4	10.9	11.6
	941	10.2	11.5	10.9	11.6
	1011	10.2	11.4	10.9	11.4
	1041	10.2	11.3	10.9	11.3
	1111	10.4	11.4	11.0	11.3
	1141	10.5	11.4	11.0	11.3
	1211	10.3	11.4	11.1	11.3
	1241	10.3	11.4	11.1	11.3
	1311	10.3	11.4	11.1	11.4
	1341	10.3	11.5	11.2	11.5
	1411	10.3	11.4	11.1	11.4
	1441	10.3	11.5	11.1	11.5
	1511	10.3	11.5	10.9	11.9
	1541	10.3	11.5	10.7	12.1
	1611	10.3	11.4	10.7	12.2
	1641	10.3	11.5	10.7	12.1
	1711	10.3	11.5	10.7	12.1
	1741	9.5	11.3	10.9	11.7
	1811	9.7	11.3	11.1	11.5
	1841	9.3	11.1	11.0	11.4
	1911	9.5	11.2	10.9	11.3
	1941	9.4	11.1	10.9	11.4
	2011	9.4	11.0	10.9	11.3
	2041	9.4	11.1	10.9	11.3
	2111	9.4	11.0	10.9	11.3
	2141	9.4	11.0	10.9	11.8
	2211	9.4	11.0	10.8	11.7
	2241	9.2	11.0	10.9	11.7
	2311	9.4	11.3	10.9	11.6
	2341	9.3	11.3	10.9	11.6

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
4/ 9/78	11	9.3	11.4	10.8	11.5
	41	9.4	11.4	10.8	11.5
	111	9.3	11.4	10.7	11.4
	141	9.2	11.4	10.8	11.6
	211	9.3	11.4	10.7	11.6
	241	9.3	11.4	10.7	12.0
	311	9.3	11.4	10.7	12.1
	341	9.4	11.3	10.7	12.3
	411	9.2	11.3	10.6	12.3
	441	9.2	11.3	10.6	12.2
	511	8.8	11.1	10.6	12.3
	541	8.9	11.2	10.7	12.1
	611	9.1	11.2	10.7	11.8
	641	9.1	11.2	10.8	11.6
	711	9.0	11.1	10.8	11.5
	741	9.1	11.0	10.7	11.5
	811	9.2	10.7	10.7	11.3
	841	9.0	10.5	10.6	11.1
	911	8.8	10.0	10.6	11.1
	941	9.0	10.1	10.7	11.1
	1011	9.2	10.1	10.7	10.9
	1041	9.4	9.8	10.7	10.9
	1111	9.2	9.9	10.7	11.6
	1141	9.0	10.1	10.7	11.7
	1211	9.8	10.5	10.7	11.7
	1241	10.1	10.7	10.8	11.6
	1311	10.1	11.1	10.7	11.5
	1341	10.1	11.1	10.8	11.3
	1411	10.2	11.5	10.8	11.4
	1441	10.1	11.2	10.9	11.4
	1511	10.2	11.4	10.8	11.4
	1541	10.2	11.6	10.7	11.9
	1611	10.3	11.5	10.7	12.2
	1641	9.4	11.2	10.7	12.2
	1711	9.3	11.4	10.6	12.3
	1741	9.0	11.6	10.7	12.2
	1811	10.0	11.8	10.6	12.2
	1841	10.3	12.0	10.6	12.3
	1911	9.8	11.6	10.6	12.4
	1941	9.0	11.6	10.6	12.4
	2011	9.2	11.7	10.6	12.4
	2041	9.3	11.7	10.7	12.4
	2111	9.6	11.6	10.7	12.4
	2141	9.5	11.4	10.7	12.2
	2211	9.5	11.4	10.8	11.7
	2241	9.5	11.1	11.0	11.4
	2311	10.3	11.4	11.0	11.5
	2341	10.2	11.3	11.1	11.4

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
4/10/72	11	10.3	11.4	11.0	11.4
	41	10.7	11.5	11.1	11.5
	111	10.4	11.8	11.1	11.7
	141	10.4	11.6	11.1	11.6
	211	10.4	11.6	11.1	11.6
	241	10.2	11.8	10.8	12.1
	311	10.4	11.9	10.8	12.1
	341	10.3	12.0	10.7	12.2
	411	10.4	11.9	10.8	12.2
	441	10.4	12.0	10.7	12.2
	511	10.3	12.0	10.9	12.0
	541	10.3	12.0	10.8	12.1
	611	9.2	11.8	10.8	12.2
	641	8.9	11.6	10.8	12.0
	711	9.0	11.5	10.9	11.9
	741	9.1	11.5	10.9	11.9
	811	9.4	11.5	10.9	11.7
	841	9.4	11.4	10.9	11.7
	911	9.3	11.2	10.9	11.6
	941	9.2	11.2	11.0	11.5
	1011	9.2	11.0	11.0	11.3
	1041	9.4	11.0	11.2	11.2
	1111	9.2	10.9	11.1	11.2
	1141	9.4	11.0	11.3	11.2
	1211	9.5	11.0	11.3	11.1
	1241	9.6	11.0	11.3	11.1
	1311	9.6	10.9	11.3	11.1
	1341	10.6	11.2	11.3	11.1
	1411	10.7	11.3	11.3	11.1
	1441	10.9	11.2	11.3	11.1
	1511	10.8	11.4	11.2	11.4
	1541	10.4	11.2	11.3	11.2
	1611	10.9	11.3	11.3	11.3
	1641	10.7	11.4	11.3	11.3
	1711		13.0	11.4	11.2
	1741	9.6	11.0	11.2	11.3
	1811	10.5	11.3	11.2	11.2
	1841	10.3	11.1	11.1	11.1
	1911	9.4	10.7	11.2	11.0
	1941	9.6	10.6	11.1	10.8
	2011	9.4	10.4	11.1	10.9
	2041	9.6	10.4	11.2	10.6
	2111	10.1	10.4	11.1	10.6
	2141	10.3	10.5	11.1	10.4
	2211	9.6	10.2	11.0	10.6
	2241	10.3	10.6	10.9	10.7
	2311	10.3	11.0	10.9	10.9
	2341	10.3	11.0	10.9	10.9

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
4/11/72	11	10.1	10.9	10.9	11.0
	41	9.7	10.7	10.6	10.8
	111	9.7	10.8	10.7	10.9
	141	9.9	10.8	10.8	11.0
	211	10.2	11.1	10.8	10.9
	241	9.4	10.8	10.9	11.0
	311	9.5	10.8	10.8	10.9
	341	9.4	10.8	10.6	11.0
	411	9.2	10.8	10.5	11.0
	441	9.1	11.0	10.5	11.1
	511	9.2	10.9	10.3	11.1
	541	9.3	11.0	10.7	11.2
	611	9.2	10.9	10.9	11.4
	641	8.3	10.7	10.9	11.5
	711	8.5	10.8	10.9	11.7
	741	8.8	10.8	10.9	11.6
	811	8.8	10.8	10.3	11.0
	841	9.0	11.0	10.5	11.1
	911	9.0	10.8	10.6	11.1
	941	9.0	10.7	10.6	11.1
	1011	9.0	10.7	10.6	11.0
	1041	9.0	10.5	10.5	10.9
	1111	9.1	10.5	10.5	10.8
	1141	9.0	10.3	10.5	10.6
	1211	8.9	10.3	10.3	10.5
	1241	8.9	10.2	10.5	10.5
	1311	9.9	10.5	10.5	10.4
	1341	9.0	10.2	10.6	10.4
	1411	9.2	10.2	10.7	10.4
	1441	9.8	10.1	10.7	10.9
	1511	10.0	10.5	10.7	10.9
	1541	9.9	10.8	10.7	10.7
	1611	10.0	10.8	10.6	10.8
	1641	9.0	10.4	10.7	10.9
	1711	9.2	10.6	10.7	11.0
	1741	9.8	10.9	10.7	11.2
	1811	9.4	10.6	10.7	11.4
	1841	9.8	10.6	10.7	11.5
	1911	9.8	10.6	10.7	11.5
	1941	9.5	10.6	10.7	11.5
	2011	9.1	10.3	10.7	11.5
	2041	9.1	10.3	10.5	10.7
	2111	9.1	10.2	10.6	10.4
	2141	9.3	10.2	10.7	10.4
	2211	9.2	10.1	10.6	10.4
	2241	9.1	10.0	10.5	10.4
	2311	9.0	9.9	10.6	10.3
	2341	9.0	9.8	10.6	10.3

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
4/12/78	11	9.2	9.8	10.5	10.1
	41	9.2	9.8	10.5	10.3
	111	9.2	9.7	10.6	10.9
	141	9.2	9.8	10.7	11.4
	211	9.2	9.7	10.7	11.4
	241	9.0	9.7	10.7	11.2
	311	8.9	9.9	10.7	10.9
	341	9.1	10.3	10.6	10.9
	411	8.7	10.3	10.4	10.9
	441	9.0	10.8	10.5	11.0
	511	9.4	10.9	10.5	11.0
	541	9.4	11.0	10.6	11.3
	611	9.4	11.0	10.5	12.4
	641	5.2	7.6	10.5	12.1
	711	9.3	10.9	10.6	11.8
	741	9.0	10.8	10.6	11.6
	811	9.1	10.8	10.6	11.3
	841	8.6	10.6	10.5	11.3
	911	8.6	10.2	10.5	11.4
	941	8.7	9.8	10.5	11.6
	1011	8.6	9.6	10.3	10.1
	1041	8.7	9.6	10.3	10.6
	1111	8.7	9.5	10.3	10.7
	1141	8.8	9.5	10.3	10.4
	1211	8.9	9.4	10.3	10.4
	1241	8.5	9.3	10.4	11.0
	1311	8.7	9.3	10.4	11.1
	1341	8.6	9.3	10.3	10.9
	1411	8.5	9.4	10.5	11.2
	1441	9.6	6.6	10.5	11.5
	1511	8.5	9.9	10.4	11.1
	1541	8.3	10.0	10.4	10.7
	1611	8.4	10.0	10.2	10.4
	1641	8.6	10.1	10.3	11.0
	1711	8.5	10.3	10.3	11.7
	1741	8.7	10.3	10.4	12.1
	1811	8.7	10.6	10.4	11.7
	1841	8.8	10.0	10.2	13.7
	1911	8.9	9.9	10.2	14.0
	1941	8.8	10.1	10.2	13.9
	2011	8.9	10.0	10.3	12.8
	2041	8.7	10.1	10.3	13.1
	2111	8.6	10.2	10.4	12.2
	2141	8.6	9.9	10.4	11.4
	2211	8.7	9.9	10.2	10.1
	2241	8.7	9.9	10.2	10.1
	2311	8.8	9.8	10.2	10.1
	2341	8.9	9.7	10.3	10.2

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
4/13/72	11	8.8	9.5	10.3	10.6
	41	8.8	9.2	10.3	10.5
	111	9.0	9.7	10.2	10.7
	141	8.9	9.7	10.2	10.9
	211	8.8	9.2	10.3	10.9
	241	8.7	9.1	10.4	11.4
	311	8.8	9.1	10.4	11.7
	341	8.7	9.0	10.3	11.8
	411	8.6	9.0	10.3	11.5
	441	8.8	9.0	10.3	11.1
	510	8.5	9.3	10.2	11.4
	540	8.5	9.5	10.3	11.8
	610	8.4	9.7	10.3	12.3
	640	8.3	9.6	10.3	12.0
	710	8.5	9.5	10.3	12.4
	741	8.2	9.5	10.3	12.5
	811	8.2	9.2	10.3	12.5
	841	8.3	9.2	10.3	12.1
	911	8.3	8.9	10.2	11.8
	941	8.2	8.9	9.9	9.8
	1011	8.5	8.9	10.0	9.9
	1041	8.6	9.0	9.9	9.8
	1111	8.2	8.8	10.0	9.5
	1141	8.5	8.7	10.0	9.1
	1211	8.4	8.7	10.0	9.0
	1241	8.3	8.6	10.0	9.1
	1311	8.3	8.5	9.9	9.0
	1341	8.3	8.3	10.1	8.8
	1411	8.1	8.4	10.1	9.3
	1441	8.4	8.4	10.2	8.9
	1511	8.2	8.4	10.1	11.0
	1541	8.5	8.5	10.1	10.7
	1611	8.4	8.6	10.1	10.9
	1641	9.5	8.9	10.1	10.8
	1711	9.7	9.1	10.1	10.4
	1741	9.6	9.6	10.1	10.1
	1811	9.7	9.9	10.1	11.6
	1841	9.8	9.8	10.1	11.1
	1911	9.6	9.5	10.1	11.5
	1941	9.4	10.4	10.1	11.9
	2011	8.6	10.2	10.1	11.3
	2041	8.5	9.9	10.1	12.6
	2111	8.0	8.7	10.1	13.4
	2141	8.3	8.8	10.1	12.6
	2211	8.0	9.1	10.2	11.0
	2241	7.9	9.1	10.2	10.4
	2311	8.3	9.2	10.2	10.4
	2341	8.4	9.3	10.2	10.8

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
4/14/73	11	8.3	9.5	10.2	10.1
	41	8.4	9.4	10.2	10.2
	111	8.1	9.1	10.2	10.6
	141	8.0	8.8	10.1	9.4
	211	8.3	8.5	10.0	9.5
	241	8.2	8.5	10.0	9.4
	311	8.2	8.3	10.1	10.6
	341	8.4	8.5	10.2	10.7
	410	8.0	8.5	10.2	10.7
	440	8.1	8.5	10.1	10.6
	510	8.3	8.9	10.1	10.5
	540	8.4	9.3	10.0	10.3
	610	8.4	9.8	10.0	10.3
	640	8.2	9.5	10.0	11.1
	710	8.1	10.0	10.0	10.7
	740	8.3	10.0	10.0	11.1
	810	8.1	9.5	10.1	11.5
	840	8.9	9.4	10.0	12.2
	910	9.1	9.2	9.9	12.5
	940	9.2	9.4	9.9	12.6
	1010	8.8	9.1	10.0	12.1
	1040	8.1	9.0	10.0	11.9
	1110	8.3	8.9	10.0	11.7
	1140	8.9	8.8	10.0	10.6
	1210	8.4	8.9	10.0	10.6
	1240	8.3	8.5	10.1	10.5
	1310	8.7	8.5	10.0	10.5
	1340	7.9	8.3	10.0	10.1
	1410	7.5	8.4	10.1	10.7
	1440	7.8	8.5	10.1	10.5
	1510	8.1	8.7	10.0	10.6
	1540	7.1	8.9	10.1	11.0
	1610	9.4	9.3	10.1	11.2
	1640	9.2	9.5	10.1	11.3
	1710	9.8	9.3	10.0	11.6
	1740	9.7	10.0	10.1	11.3
	1810	7.3	10.0	10.1	10.8
	1840	7.7	9.7	10.0	11.7
	1910	7.7	10.3	10.0	11.1
	1940	8.3	10.9	9.9	12.0
	2010	8.2	11.0	9.9	11.7
	2040	8.7	9.8	9.9	12.0
	2110	8.8	9.5	9.9	12.2
	2140	8.6	9.8	9.8	12.2
	2210	8.3	10.2	9.8	12.2
	2240	8.4	11.1	9.8	12.3
	2310	8.2	11.5	9.9	12.4
	2340	7.9	10.7	9.9	12.4

LOCATION 1 RAPPAHANNOCK RIVER NURRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
4/15/72	10	8.3	9.8	10.0	11.5
	40	8.5	10.2	10.0	11.6
	110	8.6	10.2	9.9	12.0
	140	8.5	9.7	10.1	11.3
	210	8.3	10.0	10.0	10.8
	240	8.5	9.8	10.1	10.6
	310	8.5	9.6	10.1	10.5
	340	8.6	9.6	10.1	10.1
	410	8.6	9.5	10.1	9.9
	440	8.3	9.6	10.1	10.9
	510	8.4	9.4	10.0	11.7
	540	8.6	9.6	9.9	11.9
	610	8.3	9.6	10.0	11.8
	640	8.4	9.8	9.9	12.1
	710	8.3	10.9	9.9	12.0
	740	8.4	10.1	9.9	11.7
	810	8.5	10.5	9.9	11.6
	840	8.3	9.9	9.9	11.7
	910	8.2	10.4	9.9	11.9
	940	8.5	10.5	9.9	12.1
	1010	8.4	10.1	9.8	12.2
	1040	8.4	10.0	9.9	12.1
	1110	8.6	10.1	9.8	12.4
	1140	9.1	12.0	9.8	12.4
	1210	9.3	9.8	9.9	12.4
	1240	8.8	9.7	9.9	12.3
	1310	8.3	9.4	9.9	11.6
	1340		9.9	10.0	10.6
	1410		9.1	10.0	11.2
	1440	8.1	9.1	10.0	10.6
	1510	8.1	9.1	10.1	11.0
	1540	7.7	9.2	10.1	11.1
	1610	8.0	10.1	10.1	11.2
	1640	8.3	10.2	10.1	10.9
	1710	8.3	10.0	10.2	10.8
	1740	7.8	10.1	10.1	11.3
	1810	9.7	10.1	10.1	11.5
	1840	8.5	10.9	10.0	12.1
	1910	8.8	11.6	9.9	12.1
	1940	8.3	10.8	10.0	11.7
	2010	8.7	11.2	10.1	11.7
	2040	8.4	10.9	10.0	11.7
	2110	8.8	10.9	10.1	11.4
	2140	8.7	11.0	10.1	11.3
	2210	8.8	10.7	10.1	11.5
	2240	8.8	10.8	9.8	12.6
	2310	8.2	11.8	9.8	12.7
	2340	8.3	11.7	9.8	12.6

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
4/16/72	10	8.9	10.7	10.0	12.2
	40	8.5	10.7	10.0	11.7
	110	8.3	11.1	10.0	12.0
	140	8.2	10.7	10.2	11.3
	210	8.6	10.6	10.2	11.2
	240	8.7	10.3	10.2	10.9
	310	8.7	10.4	10.3	10.7
	340	8.9	10.4	10.4	10.7
	410	8.8	10.1	10.3	10.6
	440	9.1	10.2	10.3	10.5
	510	8.7	10.0	10.4	10.5
	540	8.7	10.0	10.4	10.3
	610	8.7	10.0	10.1	12.1
	640	8.8	10.1	10.2	11.0
	710	8.6	10.1	10.1	11.8
	740	8.4	10.2	10.0	12.5
	810	8.8	11.0	10.1	12.0
	840	8.4	10.5	10.2	11.5
	910	8.0	10.4	10.1	11.5
	940	8.1	10.6	10.0	12.0
	1010	7.9	10.5	9.9	12.2
	1040	8.2	10.1	9.9	12.2
	1110	8.7	10.4	10.0	12.1
	1140	9.2	10.2	9.9	12.3
	1210	9.1	10.1	9.9	12.4
	1240	9.0	10.0	9.9	12.4
	1310	8.9	9.8	10.0	12.4
	1340	8.6	9.7	10.5	11.3
	1410	8.6	9.6	10.3	11.3
	1440		9.3	11.0	10.3
	1510	8.5	9.5	11.0	10.5
	1540	9.2	9.7	10.9	10.5
	1610	8.7	9.7	10.7	10.6
	1640	9.4	9.6	10.8	10.6
	1710	9.3	9.5	10.6	10.4
	1740	8.6	9.6	10.5	10.4
	1810	8.7	9.7	10.5	10.9
	1840	8.5	10.0	10.6	11.1
	1910	9.2	10.2	11.2	10.7
	1940	9.1	10.6	10.5	11.5
	2010	10.5	10.5	11.3	10.7
	2040	10.0	10.6	10.7	11.2
	2110	9.3	10.4	10.4	11.5
	2140	9.0	10.8	10.1	12.1
	2210	9.2	10.8	9.9	12.3
	2240	9.7	10.6	9.9	12.2
	2310	9.0	10.6	9.9	12.3
	2340	8.3	11.2	9.8	12.3

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
4/17/73	10	8.5	11.2	9.8	12.4
	40	9.4	10.3	9.8	12.4
	110	8.6	10.2	10.2	11.9
	140	9.0	10.2	10.4	11.4
	210	8.8	10.1	10.7	11.1
	240	8.3	10.1	10.9	11.0
	310	8.6	10.0	11.3	10.6
	340	8.6	9.9	11.1	10.5
	410	8.8	9.9	11.2	10.5
	440	8.9	9.9	11.2	10.5
	510	8.7	9.9	11.1	10.4
	540	9.2	9.8	11.1	10.3
	610	9.2	9.9	11.3	10.3
	640	8.8	9.8	11.0	10.9
	710	9.6	9.9	10.7	11.4
	740	9.0	10.2	10.6	11.5
	810	9.3	10.2	10.3	12.0
	840	8.4	11.0	10.3	11.9
	910	7.9	10.7	10.7	11.3
	940	8.1	10.7	10.8	11.3
	1010	8.4	10.6	10.7	11.3
	1040	8.6	10.2	10.3	11.9
	1110	9.1	10.0	9.9	12.2
	1140	8.9	10.0	9.9	12.3
	1210	9.5	10.2	9.8	12.3
	1240	9.1	10.0	10.3	12.0
	1310	8.9	9.8	10.8	11.4
	1340	8.7	9.8	11.9	10.6
	1410	8.5	9.7	12.0	10.4
	1440	9.1	9.6	11.7	10.5
	1510	9.2	9.5	11.8	10.3
	1540	9.3	9.4	12.0	10.1
	1610	9.0	9.3	12.1	10.1
	1640	9.3	9.3	12.0	10.1
	1710	9.0	9.3	11.8	10.1
	1740	8.8	9.3	11.8	10.1
	1810	8.9	9.3	11.4	10.4
	1840	9.1	9.4	10.3	12.0
	1910	9.3	9.5	11.4	10.6
	1940	8.8	9.5	11.1	11.1
	2010	9.5	9.9	10.6	11.6
	2040	9.8	10.0	10.5	11.7
	2110	9.7	10.6	10.8	11.6
	2140	9.9	10.2	10.5	11.7
	2210	9.1	10.6	10.1	12.1
	2240	9.7	10.2	10.0	12.4
	2310	9.6	10.0	9.9	12.7
	2340	9.6	9.9	9.9	12.8

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
4/18/73	10	9.6	9.9	9.9	12.8
	40	10.7	10.7	10.0	12.9
	110	10.2	10.2	9.9	12.5
	140	9.3	10.4	10.1	12.2
	210	9.8	10.0	11.1	11.2
	240	9.8	9.8	11.3	11.5
	310	9.8	9.6	11.9	10.5
	340	10.1	9.5	12.2	10.1
	410	9.9	9.5	12.0	10.1
	440	10.1	9.5	12.1	10.0
	510	9.8	9.6	11.8	10.2
	540	10.2	9.5	11.9	10.1
	610	9.9	9.6	11.7	10.3
	640	10.0	9.7	11.3	10.7
	710	9.9	9.6	10.7	11.5
	740	10.3	9.3	10.7	11.5
	810	9.8	9.8	10.9	11.3
	840	9.4	10.4	10.5	11.7
	910	9.1	10.5	10.5	11.8
	940	8.3	11.0	10.4	12.1
	1010	8.7	10.8	10.6	11.8
	1040	9.7	11.0	10.7	11.7
	1110	9.6	10.8	10.5	12.3
	1140	9.8	10.2	10.3	12.3
	1210	10.9	10.1	10.3	12.3
	1240	10.9	10.1	10.3	12.6
	1310	10.5	9.8	10.3	12.4
	1340	10.0	9.8	10.5	12.3
	1410	10.5	9.8	10.6	12.0
	1440	12.6	10.1	10.4	12.1
	1510	12.6	9.9	12.2	10.5
	1540	10.8	9.4	13.0	10.2
	1610	10.4	9.4	12.6	10.0
	1640	11.0	9.5	12.5	10.1
	1710	11.3	9.5	10.7	12.1
	1740	11.3	9.6	11.0	11.3
	1810	10.4	9.4	11.0	11.3
	1840	10.7	9.5	10.4	12.3
	1910	9.7	9.5	10.3	12.3
	1940	10.3	9.5	10.6	11.9
	2010	10.0	9.9	10.5	12.2
	2040	10.3	10.6	10.6	12.0
	2110	8.3	10.7	11.0	11.6
	2140	9.3	10.5	10.7	12.1
	2210	8.5	11.0	10.6	12.3
	2240	9.0	10.4	10.6	12.0
	2310	10.3	10.3	10.6	12.2
	2340	10.3	10.3	10.5	12.2

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
4/19/78	10	8.8	11.0	10.4	12.4
	40	8.7	11.9	10.3	13.0
	110	8.4	12.0	10.2	13.0
	140	9.9	11.3	10.3	12.9
	210	10.0	10.7	10.5	12.4
	240	9.3	10.5	10.8	11.7
	310	9.5	10.6	11.1	11.4
	340	9.7	10.5	11.7	11.1
	410	10.9	10.3	12.0	10.9
	440	10.5	10.2	12.2	10.7
	510	10.9	10.2	12.4	10.5
	540	11.2	9.7	12.4	10.3
	610	11.5	9.5	11.4	11.3
	640	11.3	9.5	11.3	11.3
	710	11.0	9.7	10.9	11.8
	740	10.9	9.6	10.7	12.2
	810	11.2	9.6	10.7	12.1
	840	10.7	9.8	10.7	12.1
	910	10.6	10.6	10.6	12.3
	940	9.6	11.0	10.6	12.4
	1010	9.6	10.9	10.8	12.1
	1040	9.2	10.5	11.1	11.7
	1110	9.6	10.6	11.1	11.7
	1140	9.5	11.2	10.9	12.0
	1210	10.5	11.0	10.5	12.7
	1240	11.9	11.0	10.5	12.7
	1310	10.5	10.7	10.5	12.9
	1340	9.0	11.6	10.4	12.8
	1410	8.5	11.6	10.5	12.6
	1440	8.3	11.7	10.5	12.5
	1510	8.1	11.5	10.4	12.8
	1540	11.0	10.4	11.1	12.1
	1610	10.7	10.5	10.8	12.1
	1640	10.1	10.7	11.0	11.9
	1710	9.8	10.2	11.1	11.7
	1740	9.5	10.5	11.0	11.6
	1810	9.6	10.5	11.4	11.3
	1840	10.3	10.3	11.8	11.3
	1910	11.5	10.6	11.8	11.2
	1940	11.5	11.0	11.7	11.3
	2010	11.2	10.5	11.2	11.8
	2040	11.9	10.6	11.3	11.6
	2110	9.0	11.1	10.9	12.1
	2140	9.6	11.3	10.8	12.2
	2210	9.9	11.1	11.4	11.7
	2240	9.4	11.2	11.3	12.0
	2310	9.0	11.2	11.0	12.2
	2340	8.9	11.2	11.1	12.1

LOCATION 1 KAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
4/20/73	10	9.8	10.9	11.1	12.1
	40	9.2	10.8	10.7	12.8
	110	9.2	11.4	10.6	13.1
	140	9.3	11.7	10.6	13.0
	210	11.4	10.6	10.5	13.0
	240	11.2	10.7	10.5	12.8
	310	10.1	10.8	10.7	12.3
	340	10.0	10.7	10.9	12.1
	410	10.9	10.8	11.3	11.8
	440	11.5	10.8	12.2	11.3
	510	11.5	10.6	12.9	10.9
	540	12.0	10.4	13.2	10.7
	610	12.2	10.2	13.4	10.7
	640	11.7	10.3	13.4	10.7
	710	12.0	10.3	11.8	11.4
	740	11.8	10.2	12.0	11.3
	810	12.2	10.1	10.8	12.6
	840	12.5	10.1	10.7	12.8
	910	12.0	10.2	10.7	12.6
	940	12.6	10.2	10.9	12.4
	1010	11.5	11.0	10.9	12.5
	1040	12.1	11.4	10.9	12.3
	1110	10.9	11.0	11.1	12.2
	1140	10.8	11.2	11.3	12.0
	1210	10.8	11.4	11.3	11.9
	1240	12.4	11.0	10.7	12.5
	1310	12.0	11.1	10.7	12.8
	1340	8.7	11.2	10.6	12.9
	1410	9.4	11.0	10.6	13.0
	1440	9.5	11.9	10.6	12.8
	1510		11.5	10.6	12.8
	1540	9.4	11.3	10.9	12.4
	1610	10.0	10.8	11.4	12.1
	1640	9.4	10.8	10.6	12.8
	1710	11.1	10.7	12.6	11.3
	1740	11.5	10.6	12.9	11.1
	1810	13.1	10.7	12.8	11.1
	1840	13.4	10.9	13.5	10.9
	1910	13.5	10.9	13.6	10.9
	1940	13.6	10.9	13.2	11.3
	2010	13.5	10.9	11.5	12.2
	2040	13.5	11.0	11.4	12.2
	2110	13.9	11.3	11.6	11.9
	2140	11.8	11.4	11.1	12.3
	2210	9.7	11.6	11.1	12.4
	2240	10.6	11.4	11.1	12.2
	2310		13.3	10.5	12.4
	2340		16.4	10.7	12.5

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
4/21/72	10			11.4	12.7
	40	10.0		10.6	12.8
	110	10.5	11.2	10.9	12.6
	140	9.4	11.6	10.7	13.1
	210	9.9	11.6	10.8	13.1
	240	8.5	12.3	10.7	13.2
	310	8.8	12.0	10.7	13.1
	340	9.4	11.7	10.9	12.6
	410	9.7	11.6	10.9	12.7
	440	10.8	11.3	11.1	12.3
	510	11.1	11.0	11.1	12.3
	540	11.3	11.0	11.0	12.3
	610	10.7	10.9	11.4	12.1
	640	12.4	10.9	13.0	11.3
	710	13.0	11.2	13.0	11.3
	740	13.0	10.9	13.6	11.2
	810	12.3	10.9	13.2	11.3
	840	12.8	11.0	11.2	12.3
	910	12.4	10.8	11.0	12.5
	940	12.2	10.7	10.8	12.6
	1010	13.1	10.8	10.9	12.6
	1040	12.4	11.1	11.0	12.5
	1110	11.1	11.2	11.1	12.4
	1140	10.1	11.4	11.4	12.2
	1210	11.1	11.1	11.3	12.2
	1240	11.0	11.2	11.5	12.1
	1310	11.5	11.2	11.2	12.3
	1340	11.0	11.6	10.9	12.5
	1410	9.4	11.4	10.8	12.9
	1440	8.8	11.5	10.8	12.8
	1510	8.3	11.6	10.7	12.8
	1540	9.3	11.4	10.8	12.7
	1610	9.6	11.0	11.1	12.4
	1640	10.0	10.8	10.9	12.6
	1710	10.9	11.0	11.1	12.4
	1740	11.2	11.0	12.6	11.5
	1810	12.7	10.9	13.0	11.5
	1840	12.1	11.0	12.9	11.5
	1910	12.2	10.9	13.4	11.3
	1940	12.9	10.9	13.4	11.2
	2010	12.8	10.9	13.7	11.1
	2040	12.5	10.8	13.6	11.1
	2110	11.5	10.8	12.3	11.9
	2140	13.0	10.8	12.4	11.7
	2210	11.6	11.1	11.9	12.0
	2240	12.1	11.0	11.3	12.4
	2310	10.3	11.6	11.3	12.4
	2340	10.1	11.4	11.5	12.3

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
4/22/72	10	11.2	11.2	11.6	12.2
	40	10.9	11.4	11.4	12.2
	110	11.2	11.2	11.0	12.8
	140	11.3	11.2	11.0	12.8
	210	11.3	11.2	11.0	12.8
	240	11.6	11.2	10.9	12.9
	310	12.0	11.1	10.9	12.9
	340	12.2	11.1	10.9	12.8
	410	11.9	11.1	11.0	12.8
	440	11.3	11.0	11.1	12.6
	510	11.1	10.9	11.6	12.2
	540	11.5	11.0	12.5	11.7
	610	11.8	10.9	13.9	11.4
	640	11.6	10.9	14.1	11.3
	710	11.7	10.4	14.4	11.2
	740	12.0	10.2	14.1	10.9
	810	11.5	10.4	14.2	10.9
	840	11.3	10.5	12.4	12.0
	910	12.0	10.5	11.9	12.3
	940	11.8	10.5	11.8	12.3
	1010	12.2	10.5	13.3	11.5
	1040	12.7	10.5	13.5	11.4
	1110	13.0	10.6	12.1	12.2
	1140	13.3	10.7	11.9	12.1
	1210	11.8	10.5	11.5	12.3
	1240	11.3	10.7	11.4	12.6
	1310	9.0	13.8	10.8	12.8
	1340	12.4	10.9	11.2	12.7
	1410	12.4	10.6	11.2	12.7
	1440	12.9	10.6	11.3	12.6
	1510	13.0	10.6	11.3	12.6
	1540	12.4	10.5	11.2	12.7
	1610	12.7	10.3	11.2	12.7
	1640	12.0	10.2	11.2	12.6
	1710	12.0	10.2	11.5	12.6
	1740	12.3	10.2	12.0	12.3
	1810	12.4	10.1	15.3	10.8
	1840	12.2	10.2	14.1	11.2
	1910	13.9	10.0	15.5	10.6
	1940	12.6	10.4	15.6	10.6
	2010	12.2	10.0	15.1	10.7
	2040	13.2	10.2	14.8	10.9
	2110	15.1	10.8	14.8	10.9
	2140	13.2	10.2	15.4	10.7
	2210	13.0	10.2	11.6	12.7
	2240	13.1	10.2	11.3	12.8
	2310	12.8	10.2	11.7	12.6
	2340	13.4	10.2	11.2	12.9

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
4/23/72	10	12.9	10.3	11.1	13.1
	40	12.8	10.6	11.2	13.0
	110	12.9	10.6	11.2	13.0
	140	13.0	10.9	11.3	12.8
	210	12.8	10.7	11.3	12.9
	240	13.2	10.6	11.2	13.1
	310	14.3	10.8	11.2	13.1
	340	13.5	10.7	11.1	13.2
	410	13.7	10.6	11.2	13.2
	440	13.2	10.6	11.8	12.7
	510	13.7	10.5	12.2	12.4
	540	13.5	10.4	12.3	12.4
	610	13.4	10.2	12.8	12.2
	640	12.8	10.1	15.1	10.7
	710	12.8	10.1	15.1	10.5
	740	13.1	10.2	15.2	10.5
	810	13.0	10.2	15.2	10.5
	840	13.3	10.2	14.0	11.2
	910	13.0	10.2	14.6	10.9
	940	13.0	10.2	11.9	12.6
	1010	13.3	10.1	11.7	12.8
	1040	15.3	10.5	11.9	12.6
	1110	15.8	10.2	11.9	12.6
	1140	15.9	10.2	11.9	12.6
	1210	15.8	10.4	11.8	12.8
	1240	15.2	11.0	12.0	12.6
	1310	15.6	11.2	11.8	12.7
	1340	15.2	11.2	11.9	12.7
	1401	14.2	11.5	11.9	12.7
	1434		10.8	11.8	12.8
	1504		10.7	11.9	12.8
	1534		10.6	11.9	12.8
	1604		10.6	11.9	12.8
	1634		10.4	12.0	12.8
	1704		10.4	11.8	12.9
	1734		10.2	12.2	12.6
	1804		10.0	12.0	12.8
	1834		9.8	11.8	12.8
	1904		9.9	11.8	12.8
	1934		10.2	11.8	12.8
	2004		10.2	11.9	12.8
	2034		9.8	11.9	12.9
	2104		9.8	11.8	13.0
	2134		9.9	11.9	12.9
	2204		9.9	11.9	12.9
	2234		9.9	12.0	13.0
	2304		10.1	12.2	12.9
	2334		10.4	12.5	12.6

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
4/24/72	4		10.6	12.4	12.8
	34		10.8	12.3	13.0
	104		10.9	12.2	12.9
	134		10.9	12.2	13.0
	204		10.8	12.3	13.0
	234		10.7	12.4	13.1
	304		10.7	12.5	13.2
	334		10.7	12.6	13.2
	404		10.8	12.6	13.2
	434		10.8	12.6	13.2
	504		10.7	12.3	13.0
	534		10.6	12.4	13.1
	604		10.3	12.4	13.0
	634		10.2	12.3	13.0
	704		10.0	14.3	11.5
	734		10.2	15.7	10.6
	804		10.2	12.3	13.1
	834		10.0	12.3	13.0
	904		10.0	12.2	13.0
	934		10.1	12.4	12.8
	1004		10.1	12.4	12.8
	1034		10.0	12.3	13.0
	1104		10.4	12.3	13.0
	1134		10.4	12.3	13.0
	1204		10.4	12.5	12.9
	1234		10.6	12.4	12.8
	1304		11.2	12.8	12.7
	1334		11.2	12.8	12.6
	1404		11.2	12.9	12.7
	1434		11.2	12.8	12.8
	1504		11.4	12.8	12.8
	1534		11.5	12.8	12.8
	1604		11.7	12.8	13.0
	1634		12.0	12.8	12.9
	1704		12.2	12.7	13.0
	1734		12.1	12.9	12.8
	1804		12.1	13.1	12.7
	1834		12.2	12.8	13.0
	1904		11.0	13.1	12.6
	1934		10.9	12.7	12.8
	2004		10.8	12.7	13.0
	2034		10.6	12.7	12.8
	2104		10.2	12.7	13.0
	2134		10.8	14.1	11.7
	2204		10.8	12.6	13.0
	2234		10.8	12.6	13.0
	2304		10.7	12.6	13.0
	2334		10.6	12.6	13.0

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
4/25/78	4		10.6	12.7	13.0
	34		10.7	12.7	13.0
	104		10.8	12.8	13.0
	134		11.1	12.8	12.9
	204		11.0	13.0	12.8
	234		11.1	13.0	12.8
	304		11.2	13.0	12.8
	334		11.2	12.9	13.0
	404		11.7	12.9	13.1
	434		11.8	12.9	13.2
	504		11.0	12.9	13.2
	534		10.9	12.9	13.0
	604		11.0	12.9	13.2
	634		10.6	12.8	13.2
	704		10.1	12.8	13.0
	734		10.8	12.9	12.9
	804		10.8	12.8	13.0
	834		10.8	14.1	11.7
	904		10.7	13.8	12.4
	934		10.8	14.2	12.2
	1004		11.1	13.0	13.0
	1034		11.1	13.0	13.0
	1104		10.5	13.1	12.6
	1134		15.2	13.2	13.2
	1204		11.6	13.0	12.8
	1234		11.2	13.0	13.0
	1304		11.4	13.0	13.1
	1334		11.9	13.0	13.2
	1404		11.9	13.0	13.1
	1434		12.2	13.1	13.0
	1504		11.0	13.4	12.8
	1534		12.7	13.5	12.8
	1604		11.9	13.3	13.0
	1634		11.8	13.2	13.2
	1704		11.2	13.2	13.2
	1734		11.4	13.2	13.3
	1804		13.0	13.1	13.3
	1834		13.2	13.1	13.3
	1904		13.0	13.1	13.4
	1934		13.5	13.1	13.4
	2004		12.9	13.1	13.3
	2034		12.8	13.0	13.2
	2104		12.5	12.9	13.3
	2134		12.4	13.3	12.8
	2204		12.3	13.5	12.7
	2234		12.3	13.8	12.5
	2304		12.2	14.1	12.3
	2334		11.9	14.4	12.2

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
4/26/72	4		12.0	14.5	12.1
	34		12.0	13.8	12.4
	104		12.1	13.5	12.8
	134		12.0	13.1	13.0
	204		12.0	13.0	13.0
	234		12.1	13.0	13.0
	304		12.2	13.1	13.1
	334		12.4	13.2	13.0
	404		12.4	13.2	13.1
	434		11.9	13.2	13.1
	504		12.0	13.3	13.1
	534		12.0	13.2	13.1
	604		11.8	13.3	13.1
	634		11.8	13.3	13.0
	704		11.8	13.2	13.0
	734		11.7	13.1	13.0
	804		11.4	14.1	12.5
	834		11.3	15.2	11.7
	904		11.2	14.8	11.8
	934		11.2	15.2	11.6
	1004		11.1	15.2	11.6
	1034		11.0	15.0	11.6
	1104		11.3	15.1	11.6
	1134		10.9	14.9	11.7
	1204		11.1	15.5	11.3
	1234		11.0	15.5	11.3
	1304		11.1	13.8	12.7
	1334		11.2	14.2	12.6
	1404		11.0	13.7	12.6
	1434		11.1	13.6	12.7
	1504		11.1	13.8	12.4
	1534		11.2	14.1	12.3
	1604		11.2	14.0	12.4
	1634		10.8	13.4	12.7
	1704		10.5	13.3	13.0
	1734		10.5	13.3	13.0
	1804		10.4	13.3	13.0
	1834		10.2	13.3	13.0
	1904		10.2	13.3	13.1
	1934		10.1	13.4	13.0
	2004		10.4	14.5	12.2
	2034		10.3	13.4	13.0
	2104		10.1	13.2	13.0
	2134		10.0	13.7	12.6
	2204		10.0	13.4	12.8
	2234		10.0	14.0	12.4
	2304		10.0	15.1	11.1
	2334		9.9	14.6	11.7

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
4/27/72	4		9.9	13.7	12.8
	34		9.9	13.7	12.7
	104		10.0	13.9	12.7
	134		10.0	13.3	13.0
	204		10.1	13.2	13.3
	234		10.2	13.2	13.2
	304		10.5	13.8	12.6
	334		10.6	13.9	12.5
	404		10.5	13.6	12.8
	434		10.9	13.8	12.7
	504		10.7	13.8	12.6
	534		10.9	14.5	12.1
	604		10.7	13.4	13.1
	634		11.0	13.4	13.2
	704		11.1	13.4	13.2
	734		11.3	13.3	13.2
	804		11.9	13.2	13.2
	834		12.2	13.3	13.3
	904		12.0	13.3	13.2
	934		11.6	13.5	12.8
	1004		11.3	13.6	12.9
	1034		11.3	13.8	12.7
	1104		11.3	14.1	12.4
	1134		11.3	14.1	12.2
	1204		10.9	14.1	12.2
	1234		11.1	14.3	12.0
	1304		11.1	14.3	12.0
	1334		11.3	14.3	12.0
	1404		12.0	14.3	12.0
	1434		12.0	14.3	12.0
	1504		11.9	14.5	11.9
	1534		10.8	14.5	12.0
	1632		11.0	14.0	12.5
	1702		11.1	13.6	13.0
	1732		11.1	13.6	13.0
	1802		10.8	13.6	13.1
	1832		10.8	13.6	13.1
	1902		10.6	13.6	12.9
	1932		10.6	14.1	12.4
	2002		10.8	13.7	12.8
	2032		10.7	13.9	12.6
	2102		10.6	14.6	12.0
	2132		10.8	14.6	12.0
	2202		10.8	14.6	11.9
	2232		10.7	14.6	12.0
	2302		10.8	14.7	11.8
	2332		10.4	14.8	11.8

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
4/28/72	2		10.4	14.8	11.7
	32		10.3	15.0	11.6
	102		10.4	14.9	11.6
	132		10.4	14.9	11.6
	202		10.4	15.1	11.5
	232		10.4	15.0	11.4
	302		10.4	14.7	11.7
	332		10.4	14.3	12.3
	402		10.4	14.3	12.3
	432		10.8	14.4	12.2
	502		11.0	14.3	12.2
	532		11.0	14.3	12.2
	602		11.1	14.3	12.1
	632		11.9	14.3	12.2
	702		11.8	14.1	12.5
	732		11.4	14.1	12.5
	802		11.7	14.3	12.2
	832		11.2	14.6	11.5
	902		11.1	14.7	11.3
	932		11.1	14.7	11.2
	1002		11.0	14.7	11.2
	1032		10.9	14.8	11.1
	1102		10.8	14.8	10.9
	1132		10.5	14.9	10.8
	1202		10.6	14.8	10.8
	1232		10.6	14.8	10.8
	1302		10.4	14.8	10.7
	1332		10.2	14.9	10.6
	1402		10.2	14.9	10.6
	1432		10.2	14.9	10.6
	1502		10.4	14.7	11.0
	1532		10.3	14.4	11.5
	1602		10.7	14.5	11.4
	1632		10.4	14.5	11.3
	1702		11.3	14.6	11.2
	1732		11.2	14.7	11.1
	1802		11.2	14.7	11.1
	1832		10.0	14.7	11.2
	1902		10.2	14.7	11.2
	1932		11.3	14.5	11.4
	2002		11.5	14.5	11.5
	2032		11.0	14.4	11.7
	2102		10.9	14.3	12.0
	2132		10.9	14.4	11.7
	2202		11.0	14.5	11.5
	2232		11.0	14.7	11.1
	2302		10.6	14.7	10.9
	2332		10.3	14.7	10.7

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
4/29/72	2		10.4	14.7	10.7
	32		10.1	14.7	10.5
	102		10.0	14.7	10.3
	132		10.0	14.7	10.2
	202		10.0	14.7	10.1
	232		10.0	14.7	10.1
	302		10.0	14.5	11.4
	332		10.1	14.5	11.5
	402		9.9	14.5	11.5
	432		10.0	14.5	11.5
	502		10.1	14.5	11.4
	532		10.6	14.5	11.3
	602		10.7	14.5	11.2
	632		11.0	14.4	11.5
	702		11.1	14.3	12.1
	732		10.6	14.3	12.1
	802		10.4	14.2	12.5
	832		10.5	14.3	12.3
	902		10.2	14.3	11.9
	932		10.1	14.4	11.8
	1002		9.9	14.4	10.3
	1032		10.1	14.3	10.1
	1102		9.8	14.3	10.3
	1132		9.7	14.4	10.2
	1202		9.6	14.6	10.0
	1232		9.5	14.7	9.9
	1302		9.5	14.8	9.9
	1332		9.3	14.7	9.9
	1402		9.2	14.8	9.7
	1432		9.1	14.9	9.6
	1502		9.1	14.5	11.1
	1532		9.1	14.5	11.2
	1602		9.2	14.5	11.0
	1632		9.9	14.5	11.1
	1702		9.4	14.5	11.1
	1732		10.3	14.6	11.0
	1802		10.5	14.6	10.8
	1832		10.6	14.6	11.0
	1902		10.0	14.2	12.4
	1932		10.3	14.1	12.5
	2002		9.7	14.2	12.7
	2032		9.9	14.2	12.6
	2102		9.9	14.2	12.5
	2132		9.8	14.3	12.4
	2202		10.1	14.3	12.3
	2232		9.8	14.3	12.0
	2302		9.7	14.4	11.8
	2332		9.7	14.4	11.6

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
4/30/72	2		9.5	14.5	11.3
	32		9.4	14.5	11.1
	102		9.3	14.7	10.8
	132		9.4	14.9	10.5
	202		9.3	14.9	10.6
	232		9.1	14.6	10.9
	302		9.0	14.5	11.1
	332		8.9	14.4	11.5
	402		8.9	14.4	11.5
	432		8.8	14.5	11.3
	502		9.5	14.5	11.2
	532		10.0	14.5	11.3
	602		10.4	14.4	11.6
	632		10.1	14.1	12.9
	702		10.3	14.0	13.2
	732		10.8	14.1	12.8
	802		10.3	14.2	12.4
	832		10.6	14.3	12.4
	902		10.3	14.2	12.4
	932		10.1	14.1	12.8
	1002		10.1	14.1	12.8
	1032		10.4	14.3	12.3
	1102		9.8	14.2	12.5
	1132		9.8	14.3	12.0
	1202		9.6	14.6	10.7
	1232		9.5	14.5	11.0
	1302		9.1	14.5	11.5
	1332		8.9	14.5	11.2
	1402		8.9	14.4	11.4
	1432		9.2	14.4	11.4
	1502		10.2	14.5	10.9
	1532		10.3	14.4	11.3
	1602		10.4	14.6	11.0
	1632		10.4	14.5	11.4
	1702		10.5	14.5	11.2
	1732		11.5	14.5	11.7
	1802		11.4	14.4	11.8
	1832		10.7	14.7	11.0
	1902		11.6	14.3	12.3
	1932		11.9	14.3	12.1
	2002		11.6	14.3	12.3
	2032		11.0	14.3	12.3
	2102		11.8	14.2	12.3
	2132		11.2	14.2	12.4
	2202		11.4	13.9	13.5
	2232		11.2	14.1	13.0
	2302		12.0	14.2	12.6
	2332		11.0	14.2	12.6

LOCATION 1 RAPPAHANNOCK RIVER MORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
7/ 9/73	1654	26.1	12.1	23.5	12.3
	1753	26.7	12.0	23.5	12.3
	1923	26.9	11.8	23.9	12.2
	1953	27.1	11.6	23.4	12.6
	1923	26.6	11.9	23.2	12.9
	1953	26.9	11.6	23.3	12.7
	2023	26.7	11.7	23.0	13.0
	2053	26.0	12.3	23.1	13.1
	2123	25.6	12.6	22.8	13.2
	2153	26.0	12.1	23.4	12.8
	2223	27.4	11.7	23.5	12.5
	2253	26.9	11.7	23.9	12.2
	2323	27.1	11.7	23.4	12.4
	2353	26.9	11.6	23.4	12.4

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
7/10/73	23	26.8	11.7	23.8	11.9
	53	26.7	11.6	24.2	11.8
	123	26.8	11.5	24.4	11.7
	153	26.9	11.4	24.1	11.6
	223	26.7	11.3	24.1	11.6
	253	26.7	11.3	24.4	11.6
	323	26.7	11.3	24.4	11.7
	353	26.7	11.4	24.9	11.9
	423	26.7	11.4	23.5	12.3
	453	26.6	11.4	23.6	12.1
	523	26.7	11.5	23.6	12.2
	553	26.4	11.9	23.3	12.6
	623	26.2	12.1	23.4	12.5
	653	26.2	12.0	23.7	12.3
	723	26.5	11.8	23.7	12.3
	753	26.5	11.6	23.3	12.6
	823	26.4	11.7	23.4	12.6
	853	26.6	11.5	23.4	12.7
	923	26.6	11.5	23.1	12.8
	953	26.7	11.6	23.2	12.7
	1023	26.9	11.6	23.5	12.8
	1053	26.9	11.5	23.5	12.5
	1123	26.8	11.6	23.7	12.4
	1153	27.0	11.5	23.5	12.5
	1223	27.2	11.4	24.1	11.5
	1253	27.5	11.3	25.3	11.7
	1323	26.8	11.4	24.9	11.5
	1353	26.8	11.4	24.6	11.5
	1423	27.0	11.3	24.7	11.4
	1453	27.1	11.3	24.2	11.4
	1523	27.2	11.3	23.7	12.1
	1553	27.4	11.2	23.6	12.3
	1623	27.1	11.3	23.4	12.5
	1653	27.5	11.3	23.7	12.4
	1723	27.2	11.4	23.7	12.4
	1753	27.1	11.8	23.6	12.4
	1823	27.3	11.8	23.8	12.5
	1853	27.1	11.8	23.7	12.4
	1923	26.9	11.8	23.9	12.2
	1953	27.2	11.6	23.5	12.6
	2023	27.5	11.6	23.3	12.6
	2053	27.1	11.8	23.5	12.9
	2123	27.3	11.7	23.1	13.0
	2153	27.1	12.3	23.4	12.8
	2223	25.9	12.4	23.1	12.9
	2253	27.7	11.8	23.2	12.8
	2323	27.5	11.6	23.5	12.5
	2353	27.3	11.5	23.8	12.4

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.17N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
7/11/73	23	27.1	11.5	24.0	12.4
	53	27.2	11.4	24.2	11.9
	123	27.4	11.3	24.4	11.9
	153	27.5	11.3	24.8	11.5
	223	27.4	11.3	25.3	11.2
	253	27.3	11.2	24.7	11.3
	323	27.1	11.3	24.9	11.2
	353	27.1	11.3	24.8	11.2
	423	27.0	11.3	24.1	12.2
	453	26.9	11.3	23.9	12.4
	523	26.9	11.3	24.1	12.3
	553	26.8	11.4	23.7	12.4
	623	26.9	11.3	23.8	12.6
	653	26.8	11.4	23.6	12.5
	723	26.8	11.4	23.6	12.6
	753	26.8	11.6	23.3	12.7
	823	26.8	11.6	23.3	12.9
	853	26.7	11.7	23.3	12.7
	923	26.6	11.6	23.7	12.6
	953	26.7	11.4	23.7	12.7
	1023	26.8	11.4	23.5	12.6
	1053	26.8	10.5	23.4	12.7
	1123	26.8	10.4	23.6	12.8
	1153	26.9	10.4	23.5	12.7
	1223	26.9	10.4	23.7	12.4
	1253	26.9	10.4	24.6	11.3
	1323	27.0	10.4	24.4	11.1
	1353	27.1	10.3	24.7	11.1
	1423	27.1	10.3	24.8	11.0
	1453	27.3	10.2	25.0	11.0
	1523	27.3	10.1	24.8	11.1
	1553	27.2	10.2	23.2	12.8
	1623	27.2	10.3	23.3	12.7
	1653	27.2	9.8	23.5	12.7
	1723	27.2	9.7	23.4	12.5
	1753	27.1	9.9	23.7	12.4
	1823	26.9	9.9	24.1	12.3
	1853	26.6	10.4	23.6	12.3
	1923	26.6	10.2	23.9	12.2
	1953	26.6	10.2	23.7	12.3
	2023	26.6	10.2	23.6	12.4
	2053	26.7	10.0	23.5	12.6
	2123	26.8	10.0	23.6	12.7
	2153	26.9	9.9	23.3	12.8
	2223	26.8	9.9	23.5	13.0
	2253	26.8	9.9	23.4	12.8
	2323	26.4	10.4	23.6	12.9
	2353	26.7	9.9	23.9	12.4

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.27.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
7/12/73	23	26.8	9.8	24.2	11.8
	53	26.7	10.0	24.2	11.4
	123	26.7	9.8	24.6	11.2
	153	26.6	9.6	24.5	11.4
	223	26.7	9.7	24.2	11.3
	253	26.6	9.6	24.4	11.3
	323	26.6	9.5	24.2	11.2
	353	26.5	9.5	24.5	11.0
	423	26.4	9.5	24.0	11.6
	453	26.3	9.6	24.1	11.6
	524	26.2	9.6	23.8	11.9
	554	26.0	9.6	24.1	11.8
	624	26.2	9.8	24.1	11.9
	654	26.2	9.9	23.7	12.4
	724	26.1	10.0	24.0	12.2
	754	26.0	10.0	24.0	12.2
	824	26.0	10.0	23.9	12.3
	854	26.0	10.0	23.8	12.6
	924	26.0	10.0	23.9	12.3
	954	26.0	9.9	23.8	12.3
	1024	26.0	10.0	23.9	12.4
	1054	26.0	9.8	23.9	12.6
	1124	26.0	9.7	23.8	12.6
	1154	26.2	9.9	23.9	11.2
	1224	26.3	9.8	23.9	11.2
	1254	26.2	9.6	24.0	11.3
	1324	26.2	9.6	24.1	11.3
	1354	26.3	9.5	24.0	11.2
	1424	26.3	9.6	24.1	11.2
	1454	26.4	9.5	24.2	11.0

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
10/ 5/73	1315		13.7		15.5
	1344		13.7		15.6
	1414		13.6		15.5
	1444		13.7		15.1
	1514		13.7		15.5
	1544		13.7		15.5
	1614		13.7		15.7
	1644		13.8		15.7
	1714		13.8		15.7
	1744		13.8		15.8
	1814		13.8		15.7
	1844		13.8		15.6
	1914		13.8		15.7
	1944		13.7		15.8
	2014		13.8		15.8
	2044		13.7		15.9
	2114		13.8		15.6
	2144		13.8		13.8
	2214		13.7		14.5
	2244		13.7		13.7
	2314		13.7		13.8
	2344		13.7		13.7

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.57N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
10 / 6 / 72	14		13.6		
	44		13.6		
	114		13.6		
	144		13.7		
	214		13.4		
	244		13.3		
	314		13.3		
	344		13.2		
	414		13.4		
	444		13.9		
	514		14.2		
	544		14.6		
	614		14.5		
	644		14.5		
	714		14.2		
	744		14.0		
	814		13.9		
	844		13.8		
	914		13.8		
	944		14.0		
	1014		13.9		
	1044		13.9		
	1114		13.8		
	1144		13.8		
	1214		13.6		
	1244		13.5		
	1314		13.4		
	1344		13.4		
	1414		13.3		
	1444		13.3		
	1514		13.4		
	1544		13.6		
	1614		13.4		
	1644		14.1		
	1714		14.4		
	1744		14.3		
	1814		14.1		
	1844		14.5		
	1914		14.7		
	1944		14.8		
	2014		14.7		
	2044		14.1		
	2114		13.9		
	2144		14.2		
	2214		14.2		
	2244		14.0		
	2314		13.7		
	2344		13.9		

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
10/16/73	23	20.1	14.7	20.1	14.4
	53	20.2	14.8	20.3	14.5
	123	20.3	14.8	20.3	14.5
	153	20.3	14.9	20.4	14.7
	223	20.3	15.1	20.6	16.8
	253	20.3	14.8	20.6	17.2
	323	20.3	14.8	20.6	17.3
	353	20.1	14.6	20.7	17.6
	423	19.7	14.7	19.7	15.3
	453	20.3	14.6	19.7	14.6
	523	20.1	14.7	20.0	14.5
	554	20.1	14.7	19.9	14.6
	624	19.9	14.5	20.0	14.5
	654	19.9	14.3	19.9	14.3
	724	19.8	14.3	19.8	14.2
	754	19.8	14.3	19.9	14.2
	824	19.9	14.3	19.8	14.2
	854	19.7	14.2	19.8	14.1
	924	19.8	14.2	19.8	14.0
	954	19.9	14.2	19.8	13.9
	1024	19.9	14.2	19.8	13.9
	1054	19.9	14.2	19.7	13.9
	1124	19.9	14.2	20.1	15.1
	1154	19.9	14.3	20.0	14.7
	1224	19.9	14.4	19.9	14.6
	1254	19.9	14.6	19.9	14.6
	1324	20.0	14.7	20.1	14.6
	1354	20.1	14.7	20.5	16.2
	1424	20.2	14.7	20.5	16.2
	1454	20.3	14.8	20.6	16.9
	1524	20.2	14.7	20.6	16.9
	1554	20.1	14.6	20.5	17.1
	1624	20.1	14.6	20.5	17.2
	1654	20.1	14.4	20.4	16.7
	1724	20.2	14.4	20.2	15.6
	1754	20.2	14.4	20.1	15.0
	1824	20.1	14.4	20.2	14.7
	1854	20.1	14.3	20.1	14.5
	1924	20.2	14.3	20.1	14.4
	1954	20.2	14.3	20.2	14.4
	2024	20.0	14.2	20.1	14.4
	2054	20.0	14.2	20.1	14.4
	2124	20.0	14.3	20.1	14.8
	2154	20.0	14.2	20.1	14.8
	2224	20.0	14.2	20.1	14.8
	2254	19.9	14.3	20.3	15.6
	2324	19.9	14.2	20.3	15.9
	2354	20.1	14.7	20.3	16.0

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
10/17/73	24	20.1	14.9	20.3	16.0
	54	20.0	15.0	20.2	15.4
	124	19.8	15.0	20.4	16.6
	154	19.7	15.1	20.2	16.2
	224	19.8	14.7	20.3	16.5
	254	19.7	14.7	20.4	16.6
	324	19.7	14.7	20.4	16.6
	354	19.6	14.7	20.4	16.6
	424	19.5	14.6	20.4	17.2
	454	19.5	14.6	20.4	17.1
	524	19.0	14.5	20.4	16.9
	554	19.4	14.7	19.4	15.0
	624	19.2	14.6	19.3	14.8
	654	19.3	14.6	19.3	14.8
	724	19.2	14.3	19.3	14.7
	754	19.1	14.5	19.4	14.7
	824	19.4	14.4	19.5	14.7
	854	19.2	14.2	19.4	14.6
	924	19.2	14.2	19.3	14.5
	954	19.1	14.1	19.3	14.5
	1024	19.2	14.2	20.0	15.7
	1054	19.3	14.2	20.1	16.5
	1124	19.1	14.2	19.8	16.0
	1154	19.0	14.3	19.7	15.4
	1224	19.4	14.5	19.6	15.1
	1254	19.2	14.9	19.6	15.2
	1324	19.0	14.8	19.4	15.1
	1354	19.0	14.7	19.3	15.1
	1424	19.1	14.7	19.3	15.0
	1454	19.1	14.8	19.6	15.3
	1524	19.1	14.6	20.0	16.3
	1554	19.0	14.5	20.2	16.9
	1624	19.0	14.5	20.2	17.1
	1654	19.0	14.5	20.2	16.9
	1724	19.0	14.5	20.2	17.0
	1754	19.0	14.5	19.0	14.6
	1824	19.0	14.6	19.1	14.5
	1854	18.8	14.5	18.9	14.6
	1924	18.9	14.3	19.0	14.4
	1954	19.0	14.2	19.1	14.4
	2024	18.8	14.2	19.2	14.3
	2054	18.6	14.1	18.8	14.2
	2124	18.4	13.9	18.5	14.0
	2154	18.4	13.9	18.4	13.9
	2224	18.5	13.9	18.5	13.8
	2254	18.6	13.9	18.5	13.8
	2324	18.6	13.9	18.5	13.9
	2354	18.4	13.8	19.5	14.9

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
10/18/73	24	18.3	13.8	19.1	15.1
	54	18.4	13.8	19.5	15.1
	124	18.3	13.8	19.4	14.9
	154	18.7	14.2	19.3	15.1
	224	18.7	14.5	19.2	15.0
	254	18.4	14.2	19.5	15.8
	324	18.3	14.4	19.5	15.8
	354	18.2	14.5	19.5	15.8
	424	18.8	15.0	19.9	16.7
	454	18.9	14.8	20.0	16.9
	524	19.1	14.9	19.9	16.4
	554	18.1	14.4	19.6	15.9
	624	17.6	14.3	19.5	15.7
	654	17.7	14.3	19.4	15.9
	754	17.2	13.9	18.0	14.8
	824	18.0	13.9	18.3	14.7
	854	17.9	13.8	18.7	14.8
	924	17.8	13.8	18.1	14.1
	1024	17.9	13.8	18.3	14.2
	1054	18.0	13.8	18.2	14.0
	1124	18.1	13.8	18.5	14.2
	1154	18.1	14.0	18.8	14.5
	1224	18.0	13.8	19.3	15.5
	1254	18.2	14.0	19.1	15.2
	1324	18.7	14.7	18.8	14.8
	1354	17.4	14.3	17.6	14.5
	1424	18.3	14.6	18.3	14.8
	1454	18.7	14.7	18.8	14.8
	1524	18.8	14.8	18.8	14.9
	1554	18.9	15.1	19.1	15.3
	1624	18.7	15.0	19.3	16.0
	1654	18.5	14.8	19.3	16.3
	1724	18.3	14.7	19.3	16.7
	1754	18.3	14.6	19.3	16.9
	1824	18.1	14.5	19.2	16.7
	1854	17.9	14.4	19.2	16.9
	1924	18.1	14.6	18.8	15.3
	1954	18.2	14.6	18.5	14.8
	2024	18.2	14.6	18.7	15.0
	2054	18.2	14.6	18.5	14.7
	2124	18.1	14.4	18.0	14.4
	2154	18.2	14.4	18.2	14.4
	2224	18.1	14.3	18.0	14.2
	2254	18.0	14.2	18.2	14.4
	2324	18.0	14.2	18.0	14.2
	2354	18.0	14.1	18.2	14.3

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
10/19/73	24	17.9	14.1	17.9	14.1
	54	18.0	14.2	17.8	14.0
	124	18.0	14.2	17.9	14.1
	154	18.0	14.2	17.6	14.0
	224	17.9	14.1	17.7	14.1
	254	18.1	14.3	18.5	14.9
	324	18.2	14.3	18.9	15.4
	354	18.2	14.5	18.5	14.9
	424	18.2	14.5	18.7	15.0
	454	18.0	14.5	18.8	15.2
	524	17.8	14.5	18.9	15.5
	554	17.6	14.4	19.0	16.0
	624	17.5	14.3	19.0	16.0
	654	17.5	14.3	19.0	16.1
	724	17.5	14.3	19.0	15.9
	754	17.6	14.4	18.8	15.6
	824	17.7	14.4	18.6	15.5
	854	17.8	14.4	17.9	14.7
	924	17.5	14.3	17.6	14.5
	954	17.9	14.4	17.8	14.5
	1024	17.6	14.2	17.6	14.4
	1054	17.8	14.2	17.9	14.5
	1124	17.8	14.2	17.9	14.6
	1154	17.8	14.2	17.9	14.6
	1224	17.8	14.2	18.0	14.6
	1254	18.0	14.4	18.8	15.9
	1324	17.9	14.3	19.1	16.3
	1354	17.5	14.2	19.0	16.3
	1424	17.8	14.5	18.8	16.1
	1454	17.8	14.8	18.7	15.8
	1524	18.3	15.3	18.7	15.8
	1554	18.1	14.9	18.4	15.4
	1624	18.4	15.0	18.5	15.6
	1654	18.3	14.8	18.7	16.0
	1724	18.2	14.7	18.8	16.1
	1754	18.2	14.9	18.9	16.3
	1824	18.0	14.5	18.9	16.3
	1854	17.9	14.6	18.9	16.2
	1924	18.2	15.0	18.9	16.1
	1954	18.4	15.3	18.9	16.3
	2024	18.2	14.9	18.8	16.0
	2054	17.5	14.5	18.7	15.8
	2124	17.7	14.6	18.8	16.0
	2154	17.6	14.5	18.7	15.6
	2224	17.7	14.5	18.8	15.9
	2254	17.7	14.5	18.3	15.1
	2324	17.7	14.5	18.3	15.1
	2354	17.6	14.5	18.3	15.1

LOCATION 1 RAPPAHANNOCK RIVER NOPRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
10/20/73	24	17.5	14.4	18.2	15.0
	54	17.5	14.4	18.2	15.0
	124	17.5	14.4	17.9	14.7
	154	17.5	14.3	17.9	14.8
	224	17.5	14.4	18.2	15.2
	254	17.8	14.6	18.3	15.2
	224	17.8	14.7	17.8	15.0
	354	17.5	14.7	17.5	14.7
	424	17.4	14.7	17.3	14.8
	454	17.6	14.8	17.5	14.8
	524	17.7	14.8	17.7	15.0
	554	17.7	14.7	18.5	15.9
	624	18.1	15.2	18.6	16.1
	654	18.1	15.2	18.7	16.4
	724	17.9	14.9	18.7	16.4
	754	17.4	14.7	18.7	16.4
	824	18.6	15.8	18.7	16.5
	854	18.6	15.8	18.7	16.6
	924	16.8	14.7	18.7	16.5
	954	17.0	14.8	18.5	16.0
	1024	17.7	14.9	18.2	15.5
	1054	17.6	14.8	17.8	15.4
	1124	17.7	14.7	17.6	15.0
	1154	17.7	14.7	17.7	15.1
	1224	17.7	14.7	17.8	15.1
	1254	17.7	14.6	17.4	14.9
	1324	17.7	14.5	17.4	14.8
	1354	17.6	14.4	17.4	14.7
	1424	17.6	14.4	17.5	14.7
	1454	17.7	14.3	17.6	14.9
	1524	17.6	14.4	17.6	14.8
	1554	17.6	14.6	17.6	14.9
	1624	17.7	14.6	17.5	14.8
	1654	17.9	14.8	17.8	15.0
	1724	17.8	14.6	17.8	14.8
	1754	17.8	14.5	17.7	14.7
	1824	17.9	14.7	18.4	16.0
	1854	17.9	14.8	18.5	16.2
	1924	17.9	14.8	18.5	16.4
	1954	17.8	14.6	18.4	16.5
	2024	17.8	14.6	18.3	16.5
	2054	18.1	15.2	18.3	16.4
	2124	17.7	14.6	18.1	16.5
	2154	17.8	14.5	18.2	15.7
	2224	17.6	14.5	18.0	15.4
	2254	17.7	14.5	17.8	14.9
	2324	17.6	14.4	17.7	14.8
	2354	17.5	14.3	17.6	14.7

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
10/21/73	24	17.5	14.3	17.7	14.7
	54	17.5	14.3	17.6	14.6
	124	17.5	14.2	17.6	14.6
	154	17.5	14.2	17.5	14.5
	124	17.6	14.2	17.6	14.6
	254	17.5	14.2	18.2	15.5
	224	17.5	14.2	18.2	15.6
	344	17.5	14.3	18.3	15.5
	423	17.6	14.4	18.2	15.6
	453	17.6	14.5	18.0	15.6
	523	17.8	14.9	18.2	15.6
	553	17.7	15.0	18.0	15.7
	623	17.7	15.1	18.0	15.6
	653	17.7	14.7	18.1	15.9
	723	17.7	14.7	18.2	16.0
	753	17.6	14.8	18.2	16.0
	823	17.6	14.7	18.2	16.2
	853	17.5	14.5	18.2	16.2
	923	17.5	14.4	18.2	16.2
	953	17.4	14.5	18.2	16.3
	1023	17.4	14.4	18.2	16.3
	1053	17.4	14.5	18.2	16.2
	1124	17.5	14.5	17.9	15.8
	1154	17.6	14.5	17.5	14.8
	1224	17.5	14.5	17.3	14.8
	1254	17.4	14.3	17.3	14.8
	1324	17.5	14.4	17.4	14.8
	1354	17.5	14.3	17.4	14.8
	1424	17.5	14.2	17.4	14.7
	1454	17.7	14.2	17.4	14.6
	1524	17.6	14.2	17.4	14.6
	1554	17.5	14.2	17.9	15.4
	1624	17.6	14.5	17.8	15.4
	1654	17.8	14.6	17.8	15.3
	1724	17.6	14.7	17.6	15.1
	1754	17.7	14.6	17.6	15.0
	1824	17.8	14.8	17.8	15.3
	1854	17.9	15.0	18.0	15.6
	1924	17.8	14.8	18.0	15.5
	1954	17.7	14.9	18.0	15.8
	2024	17.6	14.7	18.0	15.8
	2054	17.5	14.5	18.0	15.8
	2124	17.5	14.4	18.0	15.9
	2154	17.4	14.4	18.0	15.8
	2224	17.6	14.6	18.1	15.9
	2254	17.8	15.0	18.1	16.0
	2324	17.3	14.4	17.9	15.4
	2354	17.3	14.3	17.5	15.1

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
10/22/73	24	17.3	14.3	17.4	14.8
	54	17.3	14.3	17.4	14.9
	124	17.2	14.3	17.4	14.8
	154	17.2	14.3	17.4	15.0
	224	17.2	14.3	17.2	14.8
	254	17.1	14.2	17.3	14.7
	324	17.1	14.1	17.3	14.7
	354	17.1	14.1	17.2	14.7
	424	17.3	14.2	17.2	14.7
	454	17.2	14.2	17.2	14.7
	524	17.3	14.3	17.2	14.7
	554	17.3	14.3	16.9	14.7
	624	17.1	14.3	16.9	14.7
	654	17.2	14.3	17.2	14.8
	724	17.3	14.4	17.3	14.8
	754	17.5	14.6	17.6	15.1
	824	17.4	14.7	17.7	15.4
	854	17.2	14.4	17.8	15.5
	924	17.1	14.4	18.0	15.7
	954	17.1	14.3	18.0	15.8
	1024	17.1	14.3	18.0	15.7
	1054	17.1	14.3	17.9	15.6
	1124	17.2	14.3	18.0	15.8
	1200	17.4	15.5	17.4	15.9
	1330	17.3	15.4	17.2	15.6
	1410	17.3	15.3	17.2	15.6
	1430	17.3	15.4	17.2	15.5
	1500	17.5	15.2	17.2	15.4
	1530	17.4	15.2	17.2	15.4
	1610	17.4	15.2	17.2	15.3
	1630	17.3	15.3	17.2	15.3
	1700	17.3	15.3	17.2	15.4
	1730	17.3	15.3	17.2	15.4
	1810	17.4	15.4	17.3	15.3
	1930	17.5	15.5	17.5	15.4
	1950	17.5	15.4	17.4	15.3
	1930	17.5	15.6	17.4	15.6
	2010	17.5	15.6	17.5	15.4
	2030	17.6	15.6	17.6	15.9
	2110	17.5	15.7	17.8	16.6
	2130	17.3	15.6	17.8	16.7
	2200	17.2	15.6	17.8	16.5
	2230	17.2	15.5	17.8	16.5
	2300	17.2	15.6	17.8	16.5
	2330	17.3	15.6	17.8	17.0

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
10/23/73	8	17.2	15.5	17.6	16.0
	38	17.3	15.5	17.6	15.9
	108	17.3	15.5	17.6	15.9
	138	17.3	15.5	17.6	16.0
	208	17.3	15.6	17.6	16.0
	238	17.3	15.4	17.4	15.7
	308	17.2	15.2	17.4	15.4
	338	17.2	15.2	17.3	15.5
	408	17.2	15.3	17.2	15.4
	438	17.1	15.2	17.2	15.3
	508	17.2	15.2	17.3	15.5
	538	17.2	15.2	17.1	15.3
	608	17.2	15.3	16.9	15.2
	638	17.0	15.3	17.0	15.2
	708	17.0	15.4	16.9	15.4
	738	17.1	15.4	17.0	15.3
	808	17.1	15.5	17.0	15.4
	838	17.3	15.5	17.1	15.4
	908	17.3	15.7	17.6	16.1
	938	17.1	15.6	17.6	16.6
	1008	17.2	15.7	17.7	16.7
	1038	17.2	15.6	17.7	16.7
	1108	17.3	15.6	17.7	16.4
	1138	17.1	15.7	16.8	15.7
	1208	17.1	15.6	17.7	16.9
	1238	17.3	15.4	17.6	16.1
	1308	17.4	15.3	17.2	15.6
	1338	17.3	15.4	17.2	15.6
	1408	17.4	15.2	17.3	15.5
	1438	17.7	15.2	17.3	15.4
	1508	17.8	15.2	17.4	15.3
	1538	17.6	15.1	17.3	15.3
	1608	17.8	15.0	17.4	15.2
	1638	17.4	15.2	17.3	15.2
	1708	17.4	15.2	17.3	15.3
	1738	17.7	15.1	17.3	15.4
	1808	17.7	15.1	17.4	15.8
	1838	17.6	15.3	17.5	15.9
	1908	17.7	15.4	17.5	15.8
	1938	17.7	15.5	17.6	15.4
	2008	17.6	15.4	17.6	15.2
	2038	17.6	15.6	17.6	15.4
	2108	17.6	15.8	17.5	15.8
	2138	17.6	15.7	17.6	16.0
	2208	17.5	15.6	17.6	16.2
	2238	17.5	15.6	17.5	16.8
	2308	17.5	15.5	17.5	16.8
	2338	17.5	15.6	17.6	16.5

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
10/24/73	8	17.5	15.6	17.5	16.4
	38	17.5	15.5	17.5	16.8
	108	17.4	15.5	17.4	15.8
	138	17.4	15.4	17.5	15.8
	208	17.4	15.4	17.5	15.6
	238	17.3	15.3	17.4	15.4
	308	17.4	15.4	17.5	15.6
	338	17.3	15.2	17.4	15.5
	408	17.3	15.2	17.4	15.5
	438	17.3	15.2	17.3	15.4
	508	17.3	15.2	17.2	15.2
	538	17.3	15.2	17.3	15.1
	608	17.2	15.1	17.4	15.6
	638	17.3	15.3	17.4	15.5
	708	17.3	15.3	17.3	15.5
	738	17.1	15.4	17.1	15.4
	808	17.1	15.4	17.1	15.4
	838	17.3	15.5	17.3	15.5
	908	17.3	15.5	17.2	15.4
	938	17.4	15.7	17.4	15.8
	1008	17.2	15.5	17.5	16.1
	1038	17.3	15.7	17.5	16.2
	1108	17.3	15.6	17.5	16.4
	1138	17.2	15.6	17.6	16.5
	1208	17.3	15.6	17.6	16.6
	1238	17.4	15.6	17.5	16.1
	1308	17.4	15.6	17.6	16.5
	1338	17.5	15.4	17.5	16.7
	1408	17.5	15.2	17.4	15.8
	1438	17.3	15.4	17.5	16.1
	1508	17.4	15.4	17.4	15.6
	1538	17.7	15.2	17.4	15.7
	1608	17.8	15.4	17.5	15.4
	1638	17.5	15.3	17.5	15.3
	1708	17.6	14.5	17.5	15.1
	1738	17.5	15.1	17.5	15.1
	1808	17.6	15.1	17.6	15.0
	1838	17.6	14.6	17.5	15.9
	1908	17.6	14.9	17.5	15.9
	1938	17.6	14.9	17.5	15.7
	2008	17.7	15.0	17.6	15.6
	2038	17.7	14.9	17.6	15.3
	2108	17.6	15.1	17.5	15.4
	2138	17.5	15.1	17.5	15.5
	2208	17.5	15.2	17.5	15.8
	2238	17.6	15.2	17.5	15.9
	2308	17.6	15.1	17.5	16.3
	2338	17.5	15.1	17.5	16.4

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
10/25/73	8	17.5	15.0	17.5	16.1
	38	17.5	15.0	17.5	16.2
	108	17.5	15.5	17.5	16.2
	138	17.5	15.5	17.5	16.1
	208	17.4	15.5	17.4	15.4
	238	17.3	15.4	17.3	15.4
	308	17.3	15.4	17.3	15.3
	338	17.3	15.5	17.4	15.4
	408	17.3	15.5	17.3	15.4
	438	17.3	15.1	17.3	15.2
	508	17.2	15.1	17.3	15.3
	538	17.2	15.1	17.3	15.1
	608	17.2	15.1	17.3	15.2
	638	17.2	15.1	17.5	15.6
	708	17.2	15.2	17.4	15.8
	738	17.3	15.6	17.4	15.5
	808	17.1	15.4	17.1	15.3
	838	17.0	15.5	16.9	15.4
	908	17.1	15.4	17.1	15.3
	938	17.2	15.5	17.2	15.3
	1008	17.2	15.5	17.2	15.3
	1038	17.2	15.6	17.1	15.4
	1108	17.2	15.6	17.2	15.4
	1138	17.2	15.7	17.3	15.8
	1208	17.2	15.6	17.3	16.1
	1238	17.3	15.6	17.3	16.3
	1308	17.3	15.6	17.4	16.3
	1338	17.4	15.6	17.4	16.0
	1408	17.4	15.6	17.4	15.8
	1438	17.5	15.5	17.4	16.0
	1508	17.5	15.4	17.5	15.4
	1538	17.5	15.4	17.4	15.5
	1608	17.5	15.3	17.4	15.5
	1638	17.5	15.4	17.4	15.4
	1708	17.5	15.3	17.4	15.4
	1738	17.5	15.1	17.4	15.4
	1808	17.5	15.1	17.4	15.3
	1838	17.4	15.1	17.4	15.2
	1908	17.5	15.2	17.4	15.5
	1938	17.4	15.3	17.4	15.3
	2008	17.5	15.4	17.4	15.3
	2038	17.5	15.4	17.4	15.3
	2108	17.5	15.4	17.4	15.3
	2138	17.4	15.5	17.4	15.4
	2208	17.4	15.5	17.4	15.4
	2238	17.3	15.6	17.4	15.5
	2308	17.4	15.7	17.4	15.7
	2338	17.4	15.8	17.4	15.9

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM		Y.
		TEMP	SALINITY	TEMP	SALINITY	
10/26/73	0	17.4	15.6	17.4	16.1	
	38	17.3	15.6	17.4	16.3	
	108	17.3	15.6	17.4	16.4	
	138	17.3	15.5	17.4	16.5	
	208	17.3	15.6	17.4	16.4	
	238	17.3	15.6	17.4	16.2	
	308	17.2	15.6	17.3	15.6	
	338	17.3	15.6	17.3	15.6	
	408	17.3	15.6	17.4	15.6	
	438	17.2	15.5	17.3	15.5	
	508	17.2	15.5	17.2	15.5	
	538	17.2	15.6	17.2	15.4	
	608	17.2	15.5	17.2	15.3	
	638	17.2	15.3	17.2	15.3	
	708	17.1	15.3	17.2	15.3	
	738	17.1	15.3	17.3	15.4	
	808	17.2	15.5	17.3	15.6	
	838	17.2	15.5	17.2	15.4	
	908	17.1	15.4	17.0	15.3	
	938	17.0	15.5	17.0	15.4	
	1008	17.0	15.6	17.0	15.4	
	1038	17.2	15.7	17.2	15.5	
	1108	17.2	15.9	17.2	15.7	
	1138	17.3	16.1	17.3	15.8	
	1208	17.2	15.9	17.3	16.0	
	1238	17.2	15.6	17.4	16.1	
	1308	17.1	15.6	17.4	16.2	
	1338	17.2	15.7	17.3	16.3	
	1408	17.5	15.6	17.3	16.3	
	1438	17.5	15.6	17.3	15.6	
	1508	17.5	15.5	17.3	15.7	
	1538	17.5	15.5	17.3	15.7	
	1608	17.5	15.5	17.3	15.5	
	1638	17.6	15.3	17.5	15.5	
	1708	17.5	15.3	17.4	15.7	
	1738	17.5	15.2	17.4	15.5	
	1808	17.5	15.2	17.4	15.5	
	1838	17.5	15.2	17.4	15.3	
	1908	17.5	15.3	17.5	15.4	
	1938	17.5	15.4	17.5	15.4	
	2008	17.5	15.5	17.5	15.4	
	2038	17.5	15.4	17.5	15.4	
	2108	17.5	15.5	17.5	15.4	
	2138	17.5	15.6	17.5	15.4	
	2208	17.4	15.6	17.4	15.4	
	2238	17.4	15.7	17.4	15.5	
	2308	17.5	15.7	17.4	15.4	
	2338	17.4	15.7	17.4	15.7	

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.27.27N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
10/27/73	8	17.4	15.8	17.4	15.9
	30	17.3	15.6	17.4	16.1
	108	17.3	15.6	17.3	16.2
	138	17.3	15.5	17.3	16.3
	208	17.3	15.6	17.3	16.1
	238	17.3	15.6	17.3	15.4
	308	17.3	15.5	17.2	15.4
	338	17.2	15.4	17.2	15.2
	408	17.2	15.3	17.2	15.2
	438	17.2	15.2	17.2	15.1
	508	17.2	15.1	17.3	15.0
	538	17.2	15.0	17.3	15.1
	608	17.1	15.0	17.3	15.1
	638	17.1	14.9	17.3	15.1
	708	17.1	15.0	17.2	15.0
	738	17.1	14.9	17.2	14.9
	808	17.1	15.0	17.4	16.0
	838	17.1	15.0	17.4	15.9
	908	17.2	15.2	17.3	15.5
	938	17.2	15.3	17.3	15.5
	1008	17.0	15.2	17.0	15.3
	1038	16.9	15.2	16.7	15.2
	1108	16.9	15.5	16.8	15.4
	1138	16.9	15.5	16.9	15.4
	1208	17.3	15.4	17.3	15.9
	1238	17.3	15.3	17.3	16.2
	1308	17.3	15.2	17.2	16.4
	1338	17.1	15.3	17.2	16.5
	1408	17.1	15.5	17.2	16.5
	1438	17.5	15.2	17.2	16.2
	1508	17.3	15.3	17.2	15.8
	1538	17.5	15.2	17.0	15.5
	1608	17.5	15.1	17.3	15.9
	1638	17.7	15.1	17.3	15.9
	1708	17.7	15.0	17.4	15.7
	1738	17.8	15.0	17.4	15.5
	1808	17.5	15.1	17.3	15.5
	1838	17.5	15.0	17.3	15.4
	1908	17.5	15.0	17.4	15.3
	1938	17.4	14.9	17.3	15.3
	2008	17.3	15.5	17.3	15.5
	2038	17.3	15.6	17.2	15.6
	2108	17.2	15.6	17.3	15.8
	2138	17.3	15.5	17.3	15.7
	2208	17.3	15.7	17.3	15.6
	2238	17.3	15.6	17.3	15.4
	2308	17.3	15.6	17.3	15.4
	2338	17.3	15.6	17.3	15.3

LOCATION 1 PARRAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 27.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
10/28/73	8	17.3	15.6	17.3	15.5
	38	17.3	15.6	17.3	16.0
	108	17.3	15.7	17.2	16.2
	138	17.2	15.4	17.2	16.2
	208	17.2	15.5	17.2	16.2
	238	17.2	16.1	17.2	16.2
	308	17.3	15.8	17.2	16.2
	338	17.3	15.6	17.1	15.6
	408	16.9	15.5	17.0	15.4
	438	17.0	15.6	17.2	15.8
	508	17.0	15.5	17.2	15.6
	538	17.0	15.6	17.2	15.8
	608	16.9	15.4	17.1	15.5
	638	16.9	15.4	17.1	15.4
	708	17.1	15.6	17.3	15.8
	738	17.0	15.2	17.2	16.1
	808	17.0	15.3	17.3	16.1
	838	17.2	15.5	17.3	16.1
	908	16.9	15.6	17.2	15.9
	938	17.0	15.6	17.2	15.8
	1008	16.9	15.6	17.0	15.4
	1038	17.0	15.6	17.0	15.4
	1108	17.1	15.6	17.0	15.4
	1138	17.0	15.7	17.1	15.6
	1208	17.0	15.5	17.1	15.6
	1238	17.1	15.6	17.2	15.7
	1308	17.2	15.9	17.2	16.0
	1338	17.1	15.9	17.2	16.0
	1408	17.2	16.0	17.2	16.0
	1438	17.2	15.9	17.2	16.0
	1508	17.2	16.0	17.2	16.0
	1538	17.2	16.0	17.2	16.0
	1608	17.2	16.2	17.2	16.0
	1638	17.2	16.2	17.2	16.3
	1708	17.2	16.2	17.2	16.2
	1738	17.2	16.1	17.2	16.1
	1808	17.3	15.9	17.2	16.0
	1838	17.3	15.9	17.3	15.9
	1908	17.2	15.8	17.3	15.8
	1938	17.2	15.8	17.3	15.7
	2008	17.2	15.8	17.2	15.6
	2038	17.2	15.8	17.3	15.6
	2108	17.2	15.8	17.3	15.6
	2138	17.2	15.9	17.3	15.5
	2208	17.1	15.6	17.2	15.4
	2238	17.2	15.8	17.2	15.5
	2308	17.2	15.8	17.2	15.4
	2338	17.2	15.8	17.2	15.4

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
10/29/73	8	17.2	15.8	17.2	15.5
	38	17.2	15.9	17.2	15.5
	108	17.2	16.0	17.2	15.8
	138	17.2	15.6	17.2	15.8
	208	17.2	16.0	17.2	15.9
	238	17.1	15.8	17.2	16.0
	308	17.1	15.8	17.2	16.0
	338	17.2	16.3	17.2	16.0
	408	17.2	16.1	17.2	16.0
	438	17.2	16.2	17.2	16.0
	508	17.2	16.2	17.3	15.9
	538	17.1	15.8	17.2	15.9
	608	17.1	15.8	17.2	15.8
	638	17.1	15.9	17.2	15.7
	708	17.1	15.9	17.2	15.7
	738	17.1	15.8	17.2	15.7
	808	17.1	15.7	17.2	15.7
	838	17.1	15.7	17.2	15.6
	908	17.1	15.7	17.2	15.7
	938	17.1	15.8	17.2	15.5
	1008	17.1	15.8	17.2	15.5
	1012	17.1	15.8	17.2	15.5
	1142	17.2	15.3	17.2	15.5
	1212	17.2	15.4	17.2	15.5
	1242	17.2	15.5	17.2	15.5
	1242	17.2	15.5	17.2	15.5
	1442	17.3	15.5	17.2	15.6
	1512	17.2	15.6	17.2	15.5
	1542	17.4	15.4	17.2	15.6
	1612	17.2	15.6	17.2	15.6
	1642	17.2	15.3	17.2	15.5
	1712	17.2	16.0	17.2	15.5
	1742	17.2	16.0	17.2	15.4
	1812	17.1	16.0	17.2	15.4
	1842	17.1	15.9	17.2	15.4
	1912	17.1	15.9	17.2	15.3
	1942	17.1	15.9	17.2	15.2
	2012	17.1	15.9	17.2	15.2
	2042	17.1	15.9	17.2	15.2
	2112	17.0	15.9	17.0	15.1
	2142	17.0	15.9	17.0	15.2
	2212	16.8	15.9	17.0	15.1
	2242	16.9	15.8	17.0	15.1
	2312	16.9	15.8	17.0	15.2
	2342	16.8	15.8	16.9	15.3

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LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
1. / 31 / 73	12	16.9	15.9	16.9	15.2
	42	16.9	15.9	17.0	15.2
	112	16.9	15.9	17.0	15.2
	142	16.9	15.9	17.0	15.2
	212	16.9	15.9	16.8	15.2
	242	16.9	15.9	16.8	15.3
	312	16.9	15.9	16.9	15.3
	342	16.9	15.9	17.1	15.3
	412	16.8	15.9	17.0	15.3
	442	16.8	15.9	17.0	15.2
	512	16.2	15.8	15.9	15.1
	542	16.6	15.9	16.4	15.2
	612	16.5	15.9	16.6	15.3
	642	16.5	15.8	16.6	15.2
	712	16.5	15.8	16.5	15.2
	742	16.6	15.9	16.3	15.2
	812	16.5	15.7	16.4	15.2
	842	16.5	15.9	16.4	15.2
	912	16.4	15.8	16.4	15.2
	942	16.4	15.8	16.4	15.2
	1012	16.4	15.9	16.4	15.2
	1042	16.3	15.7	16.1	15.2
	1112	16.3	15.7	16.9	15.2
	1142	15.8	15.3	15.8	15.2
	1212	15.6	15.8	15.8	15.2
	1242	16.1	15.9	16.2	15.4
	1312	15.9	15.7	16.8	16.0
	1342	15.8	15.7	16.5	15.7
	1412	15.9	15.8	16.8	15.8
	1442	15.9	15.7	16.5	15.7
	1512	15.9	15.7	16.7	15.8
	1542	15.8	15.8	15.9	15.3
	1612	16.0	15.3	15.7	15.2
	1642	16.1	15.9	16.1	15.2
	1712	16.3	15.9	16.3	15.2
	1742	16.2	15.9	16.4	15.2
	1812	16.1	15.9	16.0	15.2
	1842	16.1	15.9	16.2	15.2
	1912	16.1	15.8	16.2	15.1
	1942	15.9	15.9	15.8	15.1
	2012	15.8	15.7	15.7	15.1
	2042	15.8	15.7	15.7	15.0
	2112	16.0	15.7	15.9	15.0
	2142	16.1	15.7	16.1	15.0
	2212	16.1	15.7	16.0	15.1
	2242	16.2	15.7	15.7	15.1
	2312	16.2	15.7	15.8	15.0
	2342	16.1	15.7	15.7	15.0

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
10/31/73	12	15.9	15.7	15.5	15.0
	42	15.8	15.7	15.4	15.3
	112	15.8	15.7	15.3	15.3
	142	15.8	15.7	15.8	16.0
	212	15.7	15.7	15.5	16.1
	242	15.5	15.5	16.4	16.3
	312	15.6	15.6	16.6	16.4
	342	15.6	15.7	15.3	15.3
	412	15.7	15.7	15.2	15.0
	442	15.7	15.7	15.7	15.0
	512	15.8	15.7	15.7	15.1
	542	15.8	15.7	15.9	15.0
	612	15.9	15.6	16.0	15.1
	642	16.0	15.7	16.0	15.0
	712	16.0	15.6	16.0	15.1
	742	16.1	15.5	16.0	15.0
	812	16.2	15.6	16.0	15.0
	842	16.2	15.6	15.9	15.0
	912	16.1	15.5	16.0	15.0
	942	16.0	15.5	15.9	15.0
	1012	16.0	15.6	15.7	15.0
	1042	15.9	15.5	16.3	15.7
	1112	15.9	15.7	16.6	16.1
	1142	16.1	16.0	16.4	15.8
	1212	16.0	15.9	16.5	16.1
	1242	15.9	16.0	16.8	17.1
	1312	16.0	15.9	16.8	17.9
	1342	16.0	16.0	16.9	17.9
	1412	16.2	15.8	16.6	17.3
	1442	16.0	15.8	16.6	17.1
	1512	16.0	15.8	16.7	17.1
	1542	16.0	15.6	16.6	16.8
	1612	15.9	15.6	16.3	16.2
	1642	15.7	15.8	16.2	15.7
	1712	15.8	15.9	16.2	15.5
	1742	15.9	15.8	15.9	15.2
	1812	15.9	15.7	16.0	15.3
	1842	16.0	15.7	15.9	15.1
	1912	16.1	15.7	15.7	14.9
	1942	16.0	15.7	15.9	14.9
	2012	16.0	15.6	16.0	15.0
	2042	16.0	15.6	15.8	15.5
	2112	16.0	15.7	16.1	15.6
	2142	16.0	15.6	16.1	15.4
	2212	16.0	15.6	16.3	15.7
	2242	15.9	15.7	16.3	15.7
	2312	15.9	15.7	15.4	15.8
	2342	15.8	15.9	16.0	15.4

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
11/ 1/73	12	15.6	16.0	15.8	15.7
	42	15.8	16.0	16.0	16.3
	112	15.9	16.1	16.6	18.6
	142	15.8	16.0	16.6	18.7
	212	15.8	16.0	16.6	18.5
	242	15.8	15.8	16.5	18.7
	312	15.6	15.9	16.4	18.2
	342	15.6	15.9	16.5	18.3
	412	15.3	15.8	16.5	18.5
	442	15.6	16.0	16.2	16.8
	512	15.6	15.9	15.8	15.5
	542	15.6	15.9	15.7	15.4
	612	15.6	15.8	15.7	15.4
	642	15.6	15.8	15.7	15.4
	712	15.6	15.8	15.7	15.3
	742	15.6	15.7	15.8	15.5
	812	15.6	15.8	15.8	15.4
	842	15.6	15.8	15.8	15.4
	912	15.6	15.8	15.8	15.3
	942	15.7	15.9	15.8	15.4
	1012	15.7	15.9	16.0	15.9
	1042	15.7	15.2	16.2	17.3
	1112	15.7	15.3	16.2	16.9
	1142	15.7	15.2	16.1	16.4
	1212	15.7	15.3	16.1	16.4
	1242	15.7	15.3	16.1	16.7
	1312	15.7	15.4	16.1	16.6
	1342	15.7	15.4	16.1	16.7
	1412	15.8	15.9	16.2	17.4
	1442	15.8	15.7	16.1	17.1
	1512	15.7	15.5	16.0	16.4
	1542	15.6	15.3	16.0	16.3
	1612	15.7	15.5	15.9	16.0
	1642	15.7	16.2	15.9	15.9
	1712	15.7	16.2	15.9	16.2
	1742	15.7	16.3	16.0	16.1
	1812	15.6	16.1	15.9	16.3
	1842	15.4	15.9	15.9	16.2
	1912	15.3	15.8	15.9	16.2
	1942	15.3	15.8	15.9	16.3
	2012	15.4	15.9	15.9	16.2
	2042	15.4	15.9	15.8	15.9
	2112	15.4	15.9	15.7	15.7
	2142	15.4	15.9	15.7	15.6
	2212	15.4	15.8	15.6	15.5
	2242	15.4	15.7	15.5	15.4
	2312	15.3	15.8	15.5	15.5
	2342	15.4	15.7	15.9	16.2

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
11/ 2/73	12	15.3	15.8	15.9	16.1
	42	15.3	15.8	15.9	16.1
	112	15.5	16.0	15.8	16.0
	142	15.4	16.0	15.7	15.9
	212	15.3	16.1	15.5	15.8
	242	15.1	16.0	15.2	15.8
	312	15.2	16.1	15.3	15.7
	342	15.3	16.3	15.5	16.0
	412	15.3	16.1	15.9	16.7
	442	15.2	16.2	16.0	16.5
	512	15.1	16.0	15.9	16.3
	542	15.2	16.0	15.7	16.0
	612	15.2	15.9	14.9	15.6
	642	15.2	15.9	15.0	15.6
	712	15.2	15.8	15.3	15.4
	742	15.2	15.8	15.2	15.4
	812	14.8	15.7	14.6	15.2
	842	15.0	15.8	15.1	15.5
	912	15.2	15.9	15.3	15.5
	942	15.2	15.8	15.5	15.5
	1012	15.0	15.7	15.5	15.6
	1042	15.2	15.8	15.5	15.5
	1112	15.2	15.3	15.7	16.0
	1142	15.4	15.8	15.9	16.3
	1212	15.4	15.7	15.9	16.4
	1242	15.4	15.6	15.8	16.3
	1312	15.2	15.9	15.8	16.5
	1342	15.2	16.0	15.7	16.2
	1412	15.4	16.3	15.8	16.3
	1442	15.5	16.6	15.8	16.4
	1512	15.6	16.5	15.9	16.5
	1542	15.5	16.3	16.2	18.4
	1612	15.5	16.2	16.2	18.6
	1642	15.5	16.2	16.2	18.3
	1712	15.5	16.0	16.0	17.6
	1742	15.4	16.0	15.9	17.0
	1812	15.5	16.1	15.9	17.0
	1842	15.5	16.1	15.9	16.8
	1912	15.4	16.1	15.7	16.6
	1942	15.2	16.0	15.5	16.1
	2012	15.2	15.9	15.5	16.0
	2042	15.2	15.8	15.4	15.9
	2112	15.2	15.7	15.5	15.9
	2142	15.1	15.7	15.4	15.7
	2212	15.0	15.6	15.3	15.8
	2242	15.1	15.6	15.3	15.8
	2312	15.0	15.5	15.7	16.4

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
11/ 3/73	12	14.9	15.5	15.9	16.6
	42	15.0	15.6	15.7	16.6
	112	15.0	15.6	15.9	17.1
	142	15.0	15.6	16.0	17.4
	212	15.1	15.8	16.1	18.1
	242	15.0	15.8	15.9	17.7
	312	15.0	15.7	15.6	17.0
	342	15.0	15.7	15.7	17.4
	412	15.0	15.7	16.0	18.4
	442	15.0	15.7	16.0	18.2
	512	14.9	15.7	16.0	18.1
	542	14.9	15.7	15.9	17.7
	612	14.8	15.6	15.5	17.2
	642	14.8	15.6	14.9	15.9
	712	14.9	15.6	15.0	15.4
	742	14.9	15.6	14.9	15.4
	812	14.9	15.3	15.0	15.4
	842	14.9	15.3	14.9	15.3
	912	14.8	15.1	14.9	15.3
	942	14.9	15.1	15.1	15.4
	1012	14.9	15.8	15.1	15.3
	1042	15.0	15.8	15.0	15.6
	1112	15.1	15.8	15.1	15.4
	1142	14.9	15.7	15.1	15.5
	1212	15.0	15.8	15.1	15.3
	1242	15.0	15.7	15.1	15.2
	1312	15.1	15.7	15.1	15.2
	1342	15.2	15.7	15.2	16.2
	1412	15.0	15.8	15.9	17.9
	1442	15.1	15.9	16.1	18.4
	1512	15.2	16.0	16.0	18.3
	1542	15.2	16.5	15.9	18.0
	1612	15.3	16.2	15.9	17.8
	1642	15.3	16.1	15.8	17.7
	1712	15.3	15.4	15.7	17.6
	1742	15.2	15.3	15.8	17.8
	1812	15.2	15.3	15.7	17.4
	1842	15.1	15.3	15.7	17.1
	1912	15.2	15.4	15.7	17.2
	1942	15.1	15.3	15.3	16.1
	2012	15.1	15.8	15.3	15.6
	2042	15.1	15.8	15.3	15.5
	2112	15.2	15.7	15.3	15.5
	2142	15.3	15.7	15.2	15.5
	2212	15.3	15.7	15.3	15.5
	2242	15.2	15.7	15.4	15.5
	2312	15.0	15.6	15.4	15.6
	2342	14.8	15.5	15.3	16.0

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
11/ 4/73	12	14.9	15.0	15.5	17.2
	42	14.9	14.9	15.7	17.6
	112	14.9	14.9	15.8	17.4
	142	15.0	15.0	15.7	17.3
	212	15.0	15.4	15.6	16.9
	242	14.9	15.2	15.4	16.7
	312	14.9	15.5	15.4	16.5
	342	14.8	15.5	15.5	16.8
	412	14.8	15.5	15.7	17.7
	442	14.9	15.4	15.8	17.7
	512	14.9	15.3	15.8	18.0
	542	14.8	15.3	15.8	18.2
	612	14.8	15.1	15.8	18.0
	642	14.6	15.3	15.8	18.0
	712	14.5	15.4	15.8	18.0
	742	14.5	15.8	15.7	17.3
	812	14.6	15.7	15.3	16.3
	842	14.6	15.7	14.8	15.6
	912	14.5	15.6	14.8	15.6
	942	14.5	15.5	14.8	15.5
	1012	14.6	15.5	14.7	15.5
	1042	14.6	15.4	14.9	15.7
	1112	14.6	15.4	14.9	15.6
	1142	14.6	15.4	14.9	15.6
	1212	14.6	15.4	14.9	15.9
	1242	14.6	15.5	15.0	16.2
	1312	14.6	15.4	15.4	16.6
	1342	14.7	15.4	15.5	17.1
	1412	14.7	15.6	15.4	16.8
	1442	14.8	15.8	15.5	17.1
	1512	14.7	16.0	15.7	17.5
	1542	14.8	16.1	15.8	17.7
	1612	14.9	16.3	15.9	18.0
	1642	14.8	16.1	15.7	17.4
	1712	14.8	16.0	15.7	17.6
	1742	14.8	15.8	15.8	17.4
	1812	14.7	15.8	15.8	17.8
	1842	14.7	15.7	15.7	17.8
	1912	14.3	15.7	15.7	17.8
	1942	14.5	15.9	15.7	17.6
	2012	14.7	15.8	15.3	16.3
	2042	14.5	15.9	15.1	16.0
	2112	14.5	15.6	15.1	16.0
	2142	14.8	15.6	15.1	15.8
	2212	14.8	15.6	15.0	15.7
	2242	14.8	15.5	14.9	15.5
	2312	14.8	15.6	15.4	16.6
	2342	14.8	15.6	15.3	16.4

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
11/ 5/73	12	14.8	15.7	15.3	16.3
	42	14.7	15.7	15.2	16.2
	112	14.9	15.8	15.3	16.2
	142	14.9	16.0	15.4	16.4
	212	7.3	11.1	7.9	12.8
	242	8.4	12.3	8.8	12.9
	312	9.2	13.1	9.2	13.2

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
11/21/73	1113	10.6	17.1	10.5	17.2
	1142	10.7	17.2	10.6	17.5
	1212	10.7	17.0	10.6	17.5
	1242	10.7	17.1	10.6	17.5
	1312	10.7	17.0	10.6	17.2
	1342	10.7	17.1	10.6	17.2
	1412	10.7	16.9	10.6	17.1
	1442	10.7	16.7	10.6	17.1
	1512	10.7	16.9	10.6	17.0
	1542	10.9	16.6	10.6	16.8
	1612	10.8	16.7	10.7	16.8
	1642	10.7	16.8	10.6	16.9
	1712	10.8	16.3	10.7	16.9
	1742	10.9	16.4	10.7	16.8
	1812	11.0	16.4	10.8	16.9
	1842	11.0	16.5	10.9	16.9
	1912	10.8	16.4	10.7	16.9
	1942	10.8	16.3	10.7	16.8
	2012	10.8	16.3	10.7	16.8
	2042	10.8	16.4	10.7	16.9
	2112	10.8	16.3	10.6	17.1
	2142	10.7	16.5	10.6	17.1
	2212	10.7	16.6	10.6	17.2
	2242	10.7	16.6	10.6	17.2
	2312	10.7	16.6	10.6	17.3
	2342	10.7	16.6	10.6	17.3

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
11/22/73	12	10.7	16.6	10.6	17.4
	42	10.7	16.5	10.6	17.3
	112	10.7	17.0	10.6	17.2
	142	10.7	17.0	10.6	17.2
	212	10.7	17.0	10.6	17.1
	242	10.7	16.9	10.6	17.1
	312	10.8	16.8	10.7	16.8
	342	10.8	16.8	10.7	16.9
	412	10.8	16.7	10.7	16.8
	442	10.7	16.6	10.7	16.7
	512	10.7	16.7	10.6	16.7
	542	10.9	16.8	10.7	16.8
	612	10.9	16.8	10.8	16.8
	642	10.8	17.1	10.7	17.1
	712	10.8	17.0	10.7	17.0
	742	10.9	16.9	10.7	16.9
	812	10.8	16.9	10.7	16.9
	842	10.9	16.9	10.7	16.9
	912	10.8	17.0	10.7	17.0
	942	10.9	16.9	10.7	17.0
	1012	10.9	16.9	10.7	17.1
	1042	10.9	16.9	10.7	17.1
	1112	10.9	16.9	10.7	17.2
	1142	10.9	16.9	10.8	16.9
	1212	11.0	16.9	10.7	17.2
	1242	11.0	16.8	10.7	17.0
	1312	10.9	16.7	10.8	16.9
	1342	10.9	16.8	10.7	16.9
	1412	11.1	16.5	10.7	16.9
	1442	11.1	16.6	10.7	16.8
	1512	11.2	16.5	10.9	16.6
	1542	11.2	16.5	10.9	16.6
	1612	11.1	16.5	10.9	16.5
	1642	11.1	16.4	10.9	16.5
	1712	11.1	16.4	10.9	16.5
	1742	11.1	16.4	10.9	16.5
	1812	11.1	16.5	11.0	16.5
	1842	11.5	16.6	11.4	16.6
	1912	11.3	16.5	11.2	16.6
	1942	11.4	16.7	11.3	16.7
	2012	11.4	16.7	11.3	16.7
	2042	11.1	16.8	11.0	16.8
	2112	11.0	16.9	10.9	16.9
	2142	11.1	16.9	10.9	16.9
	2212	11.3	16.8	10.8	17.1
	2242	11.3	16.8	10.8	17.1
	2312	10.9	17.0	10.7	17.2
	2342	11.1	16.8	10.7	17.3

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
11/23/73	12	11.1	16.6	10.7	17.1
	42	11.3	16.7	10.9	17.0
	112	11.3	16.6	11.2	16.7
	142	11.1	16.4	11.1	16.5
	212	11.0	16.4	10.9	16.8
	242	11.0	16.4	10.9	16.7
	312	11.1	16.4	11.0	16.5
	342	11.1	16.5	10.9	16.6
	412	11.1	16.4	11.0	16.5
	442	11.1	16.4	10.9	16.6
	512	11.0	16.3	10.9	16.3
	542	11.1	16.5	10.9	16.5
	612	11.1	16.6	10.9	16.6
	642	10.9	16.5	10.9	16.5
	712	11.0	16.7	10.9	16.7
	742	10.9	16.6	10.8	16.6
	812	10.9	16.6	10.8	16.6
	842	10.9	16.8	10.8	16.9
	912	10.9	16.8	10.8	16.9
	942	10.9	16.7	10.8	16.9
	1012	10.9	16.6	10.8	16.9
	1042	10.9	16.6	10.8	17.1
	1112	10.9	16.8	10.7	17.2
	1142	10.9	16.9	10.7	17.3
	1212	11.1	16.6	10.8	17.1
	1242	11.1	16.6	10.7	17.2
	1312	11.3	16.5	10.8	17.1
	1342	11.3	16.5	10.8	17.0
	1412	11.1	16.4	10.7	15.6
	1442	11.2	16.3	10.8	17.0
	1512	11.1	16.5	10.9	16.8
	1542	11.3	16.2	10.9	16.6
	1612	11.4	16.3	10.9	16.6
	1642	11.1	16.4	10.9	16.6
	1712	11.4	16.2	11.0	16.4
	1742	11.2	16.3	10.9	16.6
	1812	11.2	16.3	10.9	16.6
	1842	11.1	16.5	10.9	16.6
	1912	11.1	16.7	11.0	16.7
	1942	11.4	16.7	11.3	16.6
	2012	11.5	16.5	11.3	16.5
	2042	11.3	16.5	11.2	16.5
	2112	11.2	16.6	11.1	16.5
	2142	11.1	16.6	10.9	16.6
	2212	11.0	16.9	10.9	16.8
	2242	11.0	16.8	10.9	16.8
	2312	11.1	16.7	10.8	16.9
	2342	11.1	16.6	10.8	17.0

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
11/24/73	12	11.3	16.6	10.8	17.1
	42	11.2	16.7	10.9	16.8
	112	11.3	16.5	10.8	17.1
	142	11.4	16.6	11.3	16.7
	212	11.3	16.6	11.1	16.6
	242	11.2	16.6	11.0	16.8
	312	11.1	16.6	10.9	17.0
	342	11.1	16.3	11.0	16.6
	412	11.1	16.1	11.1	16.3
	442	11.3	16.2	11.1	16.4
	512	11.3	16.1	11.2	16.3
	542	11.3	16.1	11.2	16.2
	612	11.4	16.2	11.1	16.5
	642	11.3	16.5	11.0	16.7
	712	11.2	16.5	11.0	16.7
	742	11.2	16.5	11.1	16.5
	812	11.1	16.5	11.0	16.4
	842	11.1	16.4	11.0	16.4
	912	11.1	16.6	11.0	16.6
	942	11.0	16.9	10.9	16.9
	1012	11.0	17.1	10.9	17.1
	1042	11.2	16.9	10.9	17.1
	1112	11.4	16.7	10.8	17.1
	1142	11.3	16.6	10.8	17.1
	1212	11.0	17.1	10.8	17.1
	1242	11.1	16.9	10.8	15.6
	1312	11.3	16.6	10.8	17.1
	1342	11.3	16.7	10.8	15.5
	1412	11.1	16.9	10.8	15.6
	1442	11.1	16.9	10.8	15.8
	1512	11.3	16.6	10.8	17.1
	1542	11.2	16.7	10.9	17.0
	1612	11.3	16.5	10.9	16.8
	1642	11.3	16.5	10.9	15.3
	1712	11.5	16.3	11.1	15.2
	1742	11.3	16.3	11.1	15.1
	1812	11.3	16.4	11.0	15.2
	1842	11.3	16.4	11.1	15.3
	1912	11.3	16.5	11.1	15.3
	1942	11.3	16.6	11.2	15.2
	2012	11.4	16.6	11.3	15.3
	2042	11.3	16.8	11.2	15.4
	2112	11.3	16.7	11.2	15.4
	2142	11.3	16.7	11.1	15.4
	2212	11.2	16.8	11.1	15.4
	2242	11.1	17.0	10.9	15.6
	2312	11.0	17.1	10.9	15.7
	2342	11.0	17.1	10.8	15.8

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
11/25/73	12	11.2	17.0	10.8	15.8
	42	11.2	16.9	11.0	15.6
	112	11.3	16.9	11.0	15.7
	142	11.3	16.9	11.1	15.5
	212	11.1	17.0	10.9	15.6
	242	11.1	17.0	10.9	17.1
	312	11.1	17.0	10.9	17.1
	342	11.1	16.9	10.9	17.0
	412	11.2	16.9	11.0	17.0
	442	11.3	16.8	11.1	16.9
	512	11.3	16.8	11.0	16.9
	542	11.3	16.8	11.1	16.9
	612	11.3	16.8	11.1	16.8
	642	11.3	16.8	11.1	16.8
	712	11.3	16.9	11.1	16.9
	742	11.4	16.9	11.3	16.9
	812	11.3	17.0	11.2	17.0
	842	11.3	16.9	11.2	17.0
	912	11.3	16.9	11.2	17.0
	942	11.5	16.9	11.3	16.9
	1012	11.5	16.9	11.4	16.9
	1042	11.5	16.9	11.4	16.9
	1112	11.5	16.9	11.3	16.9
	1142	11.4	16.9	11.3	16.9
	1212	11.6	16.9	11.3	17.0
	1242	11.7	16.9	11.4	16.9
	1312	11.8	16.9	11.5	16.9
	1342	11.6	16.9	11.5	16.9
	1412	11.7	16.9	11.5	16.9
	1442	11.6	16.9	11.3	17.1
	1512	11.7	16.9	11.4	17.0
	1542	11.8	16.8	11.5	16.9
	1612	11.9	16.8	11.6	16.8
	1642	12.1	16.7	11.8	16.7
	1712	12.1	16.6	11.9	16.6
	1742	12.4	16.6	12.0	16.6
	1812	12.1	16.6	11.7	16.6
	1842	12.0	16.6	11.7	16.6
	1912	11.8	16.6	11.6	16.6
	1942	12.1	16.6	11.8	16.6
	2012	11.8	16.6	11.8	16.6
	2042	11.8	16.6	11.7	16.6
	2112	12.6	16.9	12.4	16.9
	2142	12.4	16.8	12.2	16.8
	2212	12.1	16.7	12.0	16.7
	2242	12.0	16.7	11.9	16.7
	2312	12.2	16.8	12.1	16.7
	2342	12.4	16.9	12.3	16.8

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
11/26/73	12	12.4	16.9	12.3	16.9
	42	12.3	16.9	12.2	16.9
	112	12.4	16.8	12.3	16.8
	142	12.1	16.8	12.2	16.8
	212	12.0	16.8	12.1	16.8
	242	12.2	16.8	12.1	16.8
	312	12.0	16.7	11.9	16.8
	342	12.0	16.7	11.9	16.8
	412	12.0	16.7	11.9	16.8
	442	12.0	16.7	11.9	16.8
	512	12.0	16.7	12.0	16.8
	542	11.8	16.7	11.7	16.7
	612	11.8	16.7	11.6	16.7
	642	11.8	16.7	11.6	16.7
	712	11.8	16.7	11.6	16.7
	742	11.8	16.7	11.6	16.7
	812	11.8	16.7	11.7	16.7
	842	12.2	16.8	12.0	16.8
	912	11.9	16.7	11.8	16.7
	942	11.9	16.7	11.8	16.8
	1012	11.9	16.7	11.8	16.7
	1042	11.9	16.7	11.8	16.7
	1112	12.3	16.8	12.1	16.9
	1142	12.2	16.8	12.1	16.9
	1212	12.2	16.9	12.1	16.9
	1242	12.0	16.8	11.8	16.8
	1312	12.1	16.8	12.0	16.8
	1342	12.2	16.8	12.0	16.8
	1412	12.1	16.8	11.8	16.8
	1442	12.0	16.8	11.8	16.8
	1512	11.8	16.9	11.6	17.0
	1542	11.7	16.8	11.5	16.9
	1612	11.6	16.9	11.5	17.0
	1642	11.7	16.8	11.5	16.9
	1712	11.7	16.8	11.5	16.9
	1742	11.8	16.8	11.5	16.9
	1812	12.1	16.7	11.6	16.8
	1842	12.0	16.7	11.6	16.8
	1912	12.0	16.7	11.6	16.8
	1942	11.9	16.8	11.7	16.7
	2012	12.0	16.8	11.8	16.7
	2042	12.2	16.8	12.1	16.7
	2112	12.1	16.8	11.9	16.8
	2142	12.0	16.8	11.9	16.7
	2212	11.9	16.7	11.8	16.8
	2242	12.0	16.7	11.8	16.8
	2312	12.0	16.7	11.9	16.8
	2342	12.0	16.8	11.9	16.8

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
11/27/73	12	12.0	16.7	11.9	16.8
	42	12.0	16.7	11.9	16.8
	112	12.2	16.8	11.7	16.9
	142	12.1	16.8	11.5	17.1
	212	11.6	17.1	11.5	17.2
	242	11.8	16.8	11.5	17.1
	312	12.1	16.8	11.5	17.1
	342	12.0	16.8	11.7	16.8
	412	11.8	16.8	11.6	16.9
	442	11.8	16.8	11.6	16.8
	512	11.9	16.8	11.6	16.9
	542	11.9	16.8	11.7	16.8
	612	11.9	16.8	11.7	16.8
	642	12.0	16.8	11.7	16.8
	712	12.1	16.8	11.8	16.8
	742	12.1	16.8	11.9	16.8
	812	12.0	16.8	11.8	16.7
	842	12.0	16.8	11.8	16.8
	912	12.2	16.8	12.0	16.8
	942	12.1	16.8	12.0	16.8
	1012	12.0	16.8	11.9	16.8
	1042	12.0	16.8	11.9	16.8
	1112	12.0	16.8	11.9	16.8
	1142	12.1	16.8	11.9	16.8
	1212	12.1	16.8	12.0	16.8
	1242	12.2	16.8	12.0	16.8
	1312	12.8	16.8	11.6	17.0
	1342	12.4	16.8	11.5	17.5
	1412	12.3	16.8	11.4	17.6
	1442	12.4	16.8	11.5	17.4
	1512	12.2	16.8	11.9	16.9
	1542	12.2	16.8	11.7	16.9
	1612	12.1	16.8	11.8	16.8
	1642	12.0	16.8	11.8	16.9
	1712	11.8	16.8	11.6	16.9
	1742	11.8	16.9	11.6	17.0
	1812	11.8	16.9	11.6	17.0
	1842	11.8	16.8	11.6	17.0
	1912	12.1	16.8	11.8	16.9
	1942	12.3	16.7	11.8	16.8
	2012	12.2	16.7	11.8	16.8
	2042	12.4	16.7	11.9	16.8
	2112	12.2	16.9	12.0	16.8
	2142	12.4	16.8	12.1	16.8
	2212	12.2	16.8	12.1	16.8
	2242	12.2	16.9	12.1	16.9
	2312	12.2	16.9	12.1	16.9
	2342	12.6	16.9	12.4	16.9

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
11/28/73	12	12.5	16.9	12.3	16.9
	42	12.3	17.0	12.0	17.0
	112	12.5	16.9	11.5	17.4
	142	11.9	17.0	11.5	17.4
	212	12.8	16.8	11.6	17.3
	242	11.7	17.5	11.5	17.7
	312	12.6	16.9	11.5	17.5
	342	12.5	16.9	11.9	17.1
	412	12.3	16.9	12.0	17.0
	442	12.4	16.9	12.2	17.0
	512	12.4	16.8	12.2	16.9
	542	12.2	16.8	12.0	17.0
	612	12.3	16.8	11.9	17.0
	642	12.3	16.8	12.0	16.9
	712	12.4	16.8	12.0	16.8
	742	12.3	16.8	12.0	16.9
	812	12.4	16.8	12.1	16.8
	842	13.0	16.8	12.0	16.9
	912	12.4	16.8	12.0	16.9
	942	12.4	16.9	12.2	16.9
	1012	12.6	17.0	12.4	17.0
	1042	12.7	17.0	12.6	17.0
	1112	12.6	17.0	12.4	17.0
	1142	12.6	16.9	12.5	16.9
	1212	12.5	17.0	12.3	17.0
	1242	12.6	17.0	12.3	17.2
	1312	12.8	17.0	11.8	17.6
	1342	12.9	17.0	12.0	17.4
	1412	11.8	17.7	11.5	18.0
	1442	12.0	17.5	11.5	18.1
	1512	13.1	17.0	11.5	18.0
	1542	12.7	17.1	12.4	17.3
	1612	12.6	17.2	12.4	17.2
	1642	12.7	17.0	12.4	17.1
	1712	12.7	17.0	12.5	17.1
	1742	12.8	16.9	12.4	17.1
	1812	12.9	16.9	12.5	17.1
	1842	12.8	16.8	12.4	17.1
	1912	13.0	16.7	12.4	17.0
	1942	13.0	16.7	12.5	16.9
	2012	12.9	16.7	12.7	16.8
	2042	12.9	16.7	12.8	16.7
	2112	12.9	16.7	12.8	16.7
	2142	12.9	16.7	12.7	16.7
	2212	12.8	16.7	12.8	16.8
	2242	12.9	16.8	12.8	16.8
	2312	12.9	16.8	12.8	16.8
	2342	13.2	16.7	12.9	16.8

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
11/29/73	12	13.0	16.7	12.8	16.8
	42	12.9	16.8	12.7	16.8
	112	12.8	16.8	12.6	16.8
	142	12.8	16.7	12.6	16.9
	212	12.8	16.7	12.6	16.8
	242	12.8	16.8	12.7	16.8
	312	12.8	16.8	12.6	16.8
	342	12.7	16.8	12.6	16.8
	412	12.8	16.8	12.6	16.8
	442	12.6	16.7	12.5	16.8
	512	12.6	16.7	12.5	16.7
	542	12.6	16.7	12.5	16.7
	612	12.5	16.7	12.4	16.7
	642	12.4	16.7	12.3	16.7
	712	12.5	16.7	12.4	16.7
	742	12.4	16.7	12.3	16.7
	812	12.4	16.7	12.2	16.7
	842	12.3	16.7	12.2	16.7
	912	12.2	16.7	12.1	16.7
	942	12.2	16.7	12.0	16.7
	1012	12.2	16.7	12.0	16.7
	1042	12.1	16.7	12.0	16.7
	1112	12.1	16.7	12.0	16.6
	1142	12.1	16.7	11.9	16.6
	1212	12.1	16.7	12.0	16.6
	1242	12.2	16.3	12.0	16.6
	1312	12.2	16.7	12.0	16.6
	1342	12.2	16.3	12.1	16.7
	1412	12.2	16.3	12.1	16.8
	1442	12.2	15.7	12.1	17.0
	1512	12.1	15.8	12.0	16.7
	1542	12.1	15.8	12.0	16.7
	1612	12.0	15.8	12.0	16.7
	1642	12.1	15.8	12.0	16.6
	1712	11.8	15.7	11.7	16.6
	1742	11.8	15.7	11.7	16.6
	1812	11.8	15.7	11.7	16.6
	1842	11.8	15.7	11.7	16.6
	1912	11.7	15.6	11.6	16.6
	1942	11.7	15.6	11.5	16.6
	2012	11.8	15.6	11.6	16.5
	2042	11.8	15.5	11.6	16.5
	2112	11.8	15.5	11.7	16.4
	2142	11.8	15.5	11.6	16.4
	2212	11.8	15.6	11.6	16.4
	2242	11.8	15.5	11.6	16.4
	2312	11.7	15.5	11.5	16.4
	2342	11.4	15.5	11.3	16.4

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
11/30/73	12	11.6	15.5	11.5	16.4
	42	11.6	15.6	11.5	16.4
	112	11.8	16.1	11.7	17.0
	142	11.7	16.2	11.8	17.2
	212	11.3	15.8	11.8	17.3
	242	11.3	15.9	11.8	17.4
	312	11.3	15.7	11.2	16.7
	342	11.2	15.7	10.9	16.6
	412	11.1	15.6	10.9	16.8
	442	11.2	15.5	10.9	16.6
	512	11.3	15.6	11.1	16.5
	542	11.4	15.5	11.3	16.5
	612	11.6	16.5	11.5	16.6
	642	11.7	16.5	11.5	16.6
	712	11.6	15.6	11.7	16.6
	742	11.4	15.6	11.6	16.6
	812	11.5	15.7	11.4	16.6
	842	11.5	16.0	11.3	16.5
	912	11.5	16.5	11.1	16.8
	942	11.2	16.5	11.4	16.8
	1012	11.6	16.8	11.6	16.8
	1042	11.3	16.7	11.4	16.7
	1112	10.6	16.5	10.5	16.5
	1142	10.2	16.1	10.1	16.5
	1212	11.1	16.7	10.9	16.6
	1242	11.5	16.7	11.3	16.7
	1312	11.7	16.7	11.5	16.6
	1342	11.8	16.8	11.6	16.8
	1412	11.8	17.0	11.8	17.1
	1442	11.8	17.0	11.7	17.1
	1512	11.7	16.8	11.6	16.9
	1542	11.7	16.8	11.5	16.7
	1612	11.5	16.8	11.3	16.7
	1642	11.5	16.8	11.3	16.8
	1712	11.4	16.7	11.3	16.8
	1742	11.3	16.8	11.2	16.8
	1812	11.3	16.8	11.3	16.9
	1842	11.2	16.7	11.3	16.8
	1912	11.2	16.6	11.2	16.6
	1942	11.0	16.5	11.2	16.6
	2012	11.1	16.5	11.2	16.6
	2042	11.0	16.5	11.1	16.5
	2112	11.0	16.5	10.9	16.5
	2142	11.0	16.5	10.9	16.5
	2212	11.0	16.5	10.9	16.5
	2242	10.9	16.5	10.9	16.5
	2312	11.0	16.4	10.8	16.4
	2342	11.0	16.4	10.7	16.5

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
12/ 1/73	12	10.9	16.5	10.7	16.5
	42	11.0	16.5	10.9	16.5
	112	11.0	16.5	10.9	16.5
	142	11.1	16.5	11.0	16.5
	212	11.0	16.6	10.9	16.6
	242	11.1	16.6	10.9	16.6
	312	11.1	16.6	11.0	16.6
	342	11.1	16.6	10.9	16.7
	412	11.2	16.6	11.0	16.7
	442	11.1	16.6	10.8	16.8
	512	11.0	16.6	10.9	16.7
	542	11.0	16.6	10.9	16.7
	612	11.1	16.6	11.0	16.6
	642	11.2	16.6	11.1	16.6
	712	11.2	16.5	11.1	16.6
	742	11.1	16.4	11.0	16.5
	812	11.1	16.4	11.0	16.5
	842	11.1	16.4	11.0	15.7
	912	11.1	16.4	11.0	15.8
	942	11.1	16.4	11.0	15.8
	1012	11.2	16.4	11.1	15.8
	1042	11.2	16.4	11.1	15.8
	1112	11.3	16.4	11.1	15.8
	1142	11.3	16.5	11.2	15.9
	1212	11.3	16.5	11.2	15.9
	1242	11.3	16.5	11.1	15.8
	1312	11.3	16.4	11.1	15.9
	1342	11.2	16.5	11.1	16.0
	1412	11.1	16.5	11.0	15.8
	1442	11.2	16.5	11.1	16.0
	1512	11.2	16.6	11.1	16.1
	1542	11.3	16.5	11.1	16.0
	1612	11.3	16.5	11.1	16.0
	1642	11.2	16.5	11.1	16.2
	1712	11.2	16.5	11.1	15.8
	1742	11.2	16.5	11.1	15.9
	1812	11.1	16.5	11.0	15.9
	1842	11.3	16.5	11.2	15.9
	1912	11.2	16.5	11.3	16.0
	1942	11.3	16.5	11.2	16.0
	1942	11.3	16.5	11.2	15.9
	2042	11.3	16.4	11.1	15.9
	2112	11.2	16.4	11.1	15.9
	2142	11.2	16.4	11.1	15.9
	2212	11.2	16.4	11.1	15.9
	2242	11.2	16.4	11.1	15.9
	2312	11.3	16.6	11.3	16.2
	2342	11.1	16.6	11.3	16.2

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
12/ 2/73	12	11.1	16.6	11.0	16.1
	42	10.6	16.5	10.5	16.0
	112	10.8	16.6	10.7	15.9
	142	11.1	16.5	10.9	16.0
	212	11.1	16.6	11.0	16.0
	242	11.1	16.6	11.0	16.0
	312	11.2	16.8	11.2	16.3
	342	11.2	16.7	11.3	16.3
	412	11.2	16.7	11.1	16.3
	442	11.2	16.7	11.4	16.6
	512	11.1	16.9	11.4	17.0
	542	11.2	16.8	11.5	16.7
	612	11.0	16.6	11.2	16.6
	642	10.9	16.7	11.0	16.3
	712	10.9	16.7	10.8	16.2
	742	11.0	16.7	10.8	16.1
	812	11.0	16.7	10.7	16.7
	842	10.7	16.5	10.3	16.6
	912	10.3	16.0	9.8	16.2
	942	9.8	15.7	9.2	15.6
	1012	10.1	15.9	9.6	16.0

Rappahannock River
Smokey Point
1972

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREE OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
1/ 1/73	29	7.0	9.8	6.7	11.1
	59	6.9	9.8	6.7	11.0
	129	6.9	9.6	6.7	11.1
	159	7.0	9.7	6.8	10.8
	229	7.0	9.5	6.8	10.4
	259	7.3	9.6	6.8	10.8
	329	7.0	9.2	6.7	10.9
	359	7.0	9.0	6.8	10.8
	429	7.2	9.1	6.8	10.5
	459	7.2	9.1	6.8	10.5
	529	6.9	9.3	6.8	10.6
	559	7.1	9.3	6.8	10.8
	629	7.2	9.4	6.8	10.9
	659	7.6	9.5	6.8	10.9
	729	7.4	9.6	6.8	10.6
	759	7.1	9.2	6.8	10.5
	829	7.0	9.3	6.9	10.3
	859	6.9	9.6	7.0	10.4
	929	7.0	9.7	6.8	10.8
	959	6.9	9.8	6.8	11.3
	1029	6.9	9.7	6.7	11.3
	1059	6.9	9.7	6.7	11.4
	1129	7.0	9.8	6.7	11.4
	1159	7.0	9.8	6.8	10.9
	1229	6.9	9.9	6.8	11.0
	1259	7.0	9.8	6.7	11.8
	1329	6.9	10.0	6.7	11.6
	1359	7.0	9.7	6.7	11.4
	1429	7.8	9.4	6.7	11.8
	1459	7.6	9.3	6.8	11.3
	1529	7.8	9.2	6.7	11.3
	1559	7.6	9.3	6.8	11.2
	1629	7.7	8.9	6.7	11.7
	1659	7.4	9.3	6.7	11.9
	1729	7.4	9.0	6.7	11.6
	1759	7.6	8.6	6.8	11.5
	1829	7.4	8.8	6.8	11.5
	1859	7.4	9.1	6.7	11.5
	1929	7.6	9.1	6.8	11.4
	1959	7.8	9.1	6.8	11.3
	2029	8.1	9.0	6.8	11.4
	2059	8.0	8.9	6.8	11.2
	2129	8.0	8.9	6.8	11.1
	2159	8.1	9.0	6.8	11.2
	2229	8.1	9.1	6.8	11.1
	2259	8.1	9.1	6.8	11.2
	2329	8.1	9.0	6.8	11.4
	2359	8.1	9.1	6.8	11.5

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREE OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
1/ 2/73	29	7.8	9.5	6.8	11.5
	59	7.5	9.4	6.8	11.3
	129	7.3	9.6	6.8	11.1
	159	7.5	8.8	6.7	11.4
	229	7.6	8.8	6.7	11.7
	259	7.3	9.0	6.7	11.6
	329	7.4	9.0	6.7	11.6
	359	7.3	8.8	6.7	11.7
	429	7.3	9.1	6.7	11.7
	459	7.2	9.0	6.7	11.8
	529	7.8	8.6	6.7	11.8
	559	7.8	8.3	6.7	11.8
	629	7.3	9.3	6.7	11.5
	659	7.4	9.3	6.8	11.5
	729	7.5	8.8	6.8	11.5
	759	7.5	8.8	6.8	11.5
	829	7.5	8.7	6.8	11.2
	859	7.5	8.7	6.9	11.1
	929	7.5	8.8	6.8	11.1
	959	7.4	8.6	6.8	11.4
	1029	7.5	8.9	6.8	11.5
	1059	7.4	8.9	6.8	11.8
	1129	7.4	9.0	6.8	11.8
	1159	7.4	9.2	6.8	11.9
	1229	7.4	9.5	6.7	12.0
	1259	7.4	9.6	6.7	12.0
	1329	7.4	9.3	6.8	11.8
	1359	7.4	9.2	6.8	11.8
	1429	7.4	8.8	6.8	11.8
	1459	7.4	8.7	6.8	11.8
	1529	7.5	8.7	6.8	12.0
	1559	7.4	8.8	6.7	12.1
	1629	7.4	9.0	6.7	12.1
	1659	7.4	8.9	6.7	12.1
	1729	7.3	9.3	6.7	12.1
	1759	7.3	9.1	6.7	12.1
	1829	7.3	9.2	6.7	12.2
	1859	7.3	8.9	6.8	12.0
	1929	7.3	9.0	6.8	11.9
	1959	7.3	8.8	6.8	12.0
	2029	7.3	8.4	6.8	12.0
	2059	7.3	8.5	6.8	12.0
	2129	7.4	8.5	6.8	11.9
	2159	7.4	8.5	6.8	11.8
	2229	7.4	8.9	6.8	11.7
	2259	7.3	9.5	6.8	11.8
	2329	7.0	10.6	6.8	11.9
	2359	7.4	8.3	6.8	12.0

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREE OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
1/ 5/73	29	7.4	8.6	6.8	11.9
	59	7.4	9.1	6.8	12.0
	129	7.3	9.3	6.8	12.0
	159	7.1	10.0	6.8	12.0
	229	7.1	9.9	6.8	11.8
	259	6.9	8.9	6.8	12.0
	329	6.9	8.7	6.8	12.1
	359	7.2	8.7	6.8	12.0
	429	7.0	8.3	6.8	11.9
	459	7.0	8.4	6.8	12.0
	529	7.1	8.5	6.8	12.0
	559	7.3	8.3	6.8	12.1
	629	7.3	9.1	6.8	12.0
	659	7.2	9.6	6.8	12.0
	729	7.2	9.4	6.8	11.9
	759	7.0	9.3	6.8	11.7
	829	7.0	9.2	6.8	11.8
	859	6.9	8.7	6.8	11.8
	929	6.6	8.7	6.8	11.8
	959	6.6	9.0	6.8	11.8
	1029	6.6	9.2	6.8	11.8
	1059	6.6	9.0	6.9	11.8
	1129	6.6	8.9	6.8	11.9
	1159	6.6	8.9	6.8	12.2
	1229	6.7	8.9	6.8	11.9
	1259	6.8	9.1	6.8	11.9
	1329	7.1	10.4	6.8	12.1
	1359	7.1	10.4	6.8	11.8
	1429	6.8	9.5	6.8	11.9
	1459	7.0	10.1	6.8	12.0
	1529	6.7	9.0	6.8	12.0
	1559	6.7	10.4	6.8	11.8
	1629	7.0	10.7	6.9	11.6
	1659	6.9	10.1	6.9	11.7
	1729	6.8	10.4	7.0	11.4
	1759	6.9	10.0	7.0	11.4
	1829	6.8	9.6	7.0	11.3
	1859	7.0	10.0	6.9	11.7
	1929	6.9	9.4	6.9	11.6
	1959	7.0	9.8	7.0	11.3
	2029	6.9	9.8	6.9	11.5
	2059	6.9	10.0	6.9	11.6
	2129	6.9	9.9	6.9	11.6
	2159	6.7	9.1	6.9	11.4
	2229	6.5	8.7	6.9	11.7
	2259	6.4	8.8	6.9	11.7
	2329	6.5	8.9	6.9	11.6
	2359	6.5	8.7	6.9	11.8

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREE OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
1/ 4/73	29	6.6	8.8	6.9	11.8
	59	6.6	8.8	6.9	12.0
	129	6.6	8.8	6.9	11.8
	159	6.6	8.9	6.9	11.9
	229	6.6	9.4	6.9	11.8
	259	6.9	10.4	6.9	11.7
	329	6.9	10.5	6.9	11.8
	359	6.8	10.2	6.9	11.8
	429	6.6	9.3	6.9	11.7
	459	6.6	9.1	7.0	11.3
	529	6.6	9.1	7.0	11.2
	559	6.6	9.0	7.0	11.3
	629	6.6	9.0	7.0	11.5
	659	6.6	9.0	7.0	11.3
	729	6.6	8.9	7.0	10.9
	759	6.6	9.1	7.0	10.9
	829	6.6	9.3	6.9	11.3
	859	6.7	9.4	7.0	10.7
	929	6.5	8.9	7.0	10.8
	959	6.6	9.0	6.9	11.3
	1029	6.6	9.1	6.9	11.3
	1059	6.7	9.1	7.0	11.2
	1129	6.7	9.1	7.0	11.1
	1159	6.8	9.1	7.0	11.4
	1229	6.8	9.1	6.9	11.6
	1259	6.9	9.1	6.9	11.5
	1329	6.9	9.1	6.9	11.4
	1359	6.9	9.3	6.9	11.6
	1429	6.9	9.8	6.9	11.5
	1459	6.8	9.2	6.9	11.6
	1529	6.8	9.2	6.9	11.5
	1559	6.8	9.1	6.9	11.5
	1629	7.0	8.9	6.9	11.4
	1659	7.1	8.9	6.9	11.5
	1729	6.8	9.1	6.9	11.3
	1759	6.8	9.3	7.0	11.3
	1829	7.0	8.7	6.9	11.6
	1859	7.0	8.6	6.9	11.5
	1929	7.0	8.5	6.9	11.3
	1959	7.0	8.6	6.9	11.5
	2029	7.0	8.5	6.9	11.5
	2059	7.0	8.6	6.9	11.5
	2129	7.0	8.5	7.0	11.3
	2159	7.0	8.6	7.0	11.3
	2229	7.0	8.7	7.0	11.3
	2259	7.0	8.9	7.0	11.3
	2329	7.0	9.0	7.0	11.1
	2359	7.0	9.1	7.0	11.2

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREE OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
1/ 5/73	29	6.9	9.1	7.0	11.2
	59	6.9	9.2	7.0	11.2
	129	7.0	9.2	7.0	11.3
	159	6.9	9.1	7.0	11.3
	229	7.0	9.2	7.0	11.4
	259	7.0	9.2	7.0	11.3
	329	7.0	9.1	7.0	11.4
	359	6.9	9.0	7.0	11.4
	429	7.0	8.9	7.0	11.8
	459	6.8	8.7	7.0	11.8
	529	6.8	8.5	7.0	11.7
	559	6.8	8.5	7.0	11.3
	629	6.9	8.6	7.0	11.7
	659	6.9	8.7	7.0	11.8
	729	6.6	8.4	6.9	11.8
	759	6.8	8.5	7.0	11.6
	829	6.8	8.7	7.0	11.6
	859	6.8	8.5	7.0	11.4
	929	6.9	8.9	7.0	11.5
	959	6.9	8.9	7.0	11.5
	1029	6.9	8.8	7.0	11.4
	1059	6.9	8.8	7.0	11.3
	1129	6.9	8.9	7.0	11.1
	1159	6.8	8.8	7.0	11.2
	1229	6.8	8.9	7.0	11.4
	1259	6.8	8.9	7.0	11.5
	1329	6.8	8.9	7.0	11.6
	1359	6.8	8.9	7.0	11.5
	1429	6.9	9.5	7.0	11.5
	1459	6.9	9.2	7.0	11.5
	1529	6.9	10.2	7.0	11.5
	1559	6.9	8.9	7.0	11.3
	1629	6.9	8.9	7.0	11.5
	1659	6.8	9.0	7.0	11.7
	1729	6.9	8.5	7.0	11.4
	1759	6.9	8.5	7.0	11.2
	1829	6.8	8.8	7.0	11.3
	1859	6.9	9.0	7.0	11.3
	1929	6.9	8.9	7.0	11.5
	1959	6.8	8.8	7.0	11.5
	2029	6.8	8.7	7.0	11.4
	2059	6.9	8.6	7.0	11.5
	2129	6.9	8.7	7.0	11.6
	2159	6.9	8.6	7.0	11.5
	2229	6.9	8.6	7.0	11.4
	2259	6.9	8.3	7.0	11.3
	2329	6.9	8.9	7.0	11.5
	2359	6.8	8.7	7.0	11.4

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREE OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
1/ 6/73	29	6.8	8.7	7.0	11.3
	59	6.9	9.3	7.0	11.3
	129	6.9	9.5	7.0	11.3
	159	6.9	9.8	7.0	11.3
	229	6.8	8.5	7.0	11.3
	259	6.8	8.6	7.0	11.3
	329	6.8	8.8	7.0	11.5
	359	6.8	8.8	7.0	11.5
	429	6.8	8.9	7.0	11.4
	459	6.6	8.5	7.0	11.3
	529	6.6	8.7	7.0	11.5
	559	6.6	8.5	7.0	11.5
	629	6.6	8.4	7.0	11.5
	659	6.7	8.5	7.0	11.6
	729	6.7	8.7	7.0	11.8
	759	6.6	8.8	7.0	11.7
	829	6.5	8.7	7.0	11.5
	859	6.5	8.4	7.0	11.4
	929	6.5	8.5	7.0	11.3
	959	6.5	8.6	7.0	11.3
	1029	6.5	8.5	7.0	11.1
	1059	6.5	8.4	7.0	11.2
	1129	6.5	8.3	7.0	11.3
	1159	6.5	8.4	7.0	11.1
	1229	6.4	8.4	7.0	11.2
	1259	6.5	8.5	7.0	11.1
	1329	6.5	8.5	7.0	11.3
	1359	6.5	8.6	7.0	11.3
	1429	6.5	8.5	7.0	11.5
	1459	6.5	8.6	7.0	11.5
	1529	6.6	9.1	7.0	11.7
	1559	6.5	9.2	7.0	11.3
	1629	6.5	9.5	7.0	11.1
	1659	6.5	9.3	7.0	11.0
	1729	6.5	9.3	7.0	11.1
	1759	6.4	9.1	7.0	11.3
	1829	6.5	9.7	7.0	11.7
	1859	6.3	8.9	7.0	11.8
	1929	6.3	8.5	7.0	11.7
	1959	6.2	8.2	7.0	11.7
	2029	6.3	8.7	7.0	11.7
	2059	6.2	8.7	7.0	11.6
	2129	6.2	8.9	7.0	11.5
	2159	6.2	8.9	7.0	11.4
	2229	6.2	8.9	7.0	11.2
	2259	6.1	8.9	6.9	10.9
	2329	6.2	9.3	6.9	10.7
	2359	6.1	9.2	6.8	10.6

LOCATION 2 RAPPAHANNOCK RIVER SMUKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREE OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
1/ 7/75	29	6.2	9.3	6.8	10.3
	59	6.1	9.4	6.8	10.3
	129	6.2	9.5	6.8	10.4
	159	6.0	9.3	6.8	10.3
	229	6.0	9.3	6.8	10.3
	259	5.9	9.2	6.8	10.3
	329	5.8	8.9	6.8	10.3
	359	5.7	9.3	6.8	10.3
	429	5.7	8.8	6.7	10.2
	459	5.8	9.4	6.3	9.4
	529	5.7	9.2	6.3	9.6
	559	5.6	8.9	6.4	9.8
	629	5.5	8.4	6.8	10.9
	659	5.4	8.1	6.7	10.9
	729	5.3	7.9	6.8	11.0
	759	5.4	8.2	6.8	11.0
	829	5.3	8.2	6.7	10.9
	859	5.2	8.2	6.7	10.7
	929	5.2	8.2	6.6	10.5
	959	5.1	8.1	6.4	9.9
	1029	5.3	8.5	6.2	9.5
	1059	5.2	8.2	6.2	9.5
	1129	5.2	8.0	6.1	9.4
	1159	5.3	8.5	6.1	9.2
	1229	5.3	8.3	6.1	9.4
	1259	5.3	8.4	6.1	9.5
	1329	5.3	8.5	6.2	9.9
	1359	5.3	8.5	6.3	10.0
	1429	5.3	8.5	6.3	10.1
	1459	5.3	8.6	6.3	10.3
	1529	5.3	8.9	6.6	10.8
	1559	5.3	8.7	6.5	10.7
	1629	5.3	8.8	6.6	10.9
	1659	5.3	8.8	6.4	10.3
	1729	5.1	8.8	6.1	9.6
	1759	5.1	8.8	6.2	10.0
	1829	5.3	9.2	6.4	10.5
	1859	4.9	8.5	6.2	10.4
	1929	4.9	8.3	6.4	10.8
	1959	4.8	7.9	6.6	11.1
	2029	4.7	8.0	6.6	11.0
	2059	4.7	7.7	6.6	10.9
	2129	4.7	7.9	6.4	10.7
	2159	4.7	8.0	6.3	10.5
	2229	4.6	7.9	6.3	10.5
	2259	4.7	8.1	6.1	10.1
	2329	4.6	7.9	5.9	9.6
	2359	4.5	7.8	6.0	9.7

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREE OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
1/ 8/73	29			5.8	9.4
	59			5.9	9.4
	129			5.9	9.6
	159			6.1	10.0
	229			6.3	10.5
	259			6.3	10.5
	329			6.4	10.6
	359			6.4	10.7
	429			6.2	10.5
	459			6.3	10.6
	529			6.0	10.0
	559			5.9	9.7
	629			5.9	9.9
	659			6.2	10.5
	730			6.4	10.8
	800			6.4	10.7
	830			6.3	10.6
	900			6.3	10.7
	930			6.4	10.7
	1001			6.3	10.6
	1031			6.2	10.4
	1101			6.2	10.3
	1131			6.1	10.1
	1201			6.2	10.3
	1231			6.2	10.3
	1301			6.1	10.2
	1331			6.0	10.2
	1401			6.0	10.1
	1432			5.9	10.1
	1502			6.1	10.5
	1532			6.1	10.3
	1602			6.1	10.4
	1632			6.1	10.4
	1702			6.2	10.5
	1732			6.2	10.3
	1802			6.0	10.2
	1832			5.4	9.8
	1902			5.2	9.7
	1932			4.9	9.5
	2002			5.3	9.9
	2032			5.3	9.9
	2102			6.0	10.4
	2132			6.2	10.5
	2202			6.1	10.5
	2232			6.0	10.4
	2302			6.0	10.4
	2333			5.9	10.3

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREE OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
1/ 9/73	3			5.5	10.2
	33			5.5	10.1
	103			5.4	9.9
	133			5.2	9.7
	203			4.9	9.6
	233			5.1	9.8
	303			5.3	9.9
	333			5.5	10.0
	403			5.5	10.1
	433			5.6	10.2
	503			5.6	10.2
	533			5.7	10.3
	603			5.7	10.3
	633			5.7	10.2
	703			5.6	10.2
	733			4.9	9.7
	803			4.7	9.6
	833			5.0	9.8
	903			4.9	9.7
	933			4.9	9.7
	1003			5.0	9.8
	1033			5.1	9.8
	1103			4.9	9.8
	1133			4.7	9.6
	1203			4.6	9.4
	1233			4.4	9.3
	1303			4.3	9.3
	1333			4.3	9.4
	1403			4.5	9.5
	1433			4.8	9.7
	1503			4.9	9.8
	1533			5.2	10.0
	1603			5.4	10.2
	1633			5.5	10.3
	1703			5.5	10.3
	1733			5.3	10.1
	1803			5.1	9.9
	1833			4.9	9.8
	1903			4.8	9.8
	1933			4.5	9.7
	2003			4.1	9.6
	2033			3.8	9.6
	2103			3.6	9.6
	2133			3.6	9.5
	2203			3.4	9.5
	2233			3.4	9.5
	2303			3.4	9.6
	2333			3.5	9.6

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREE OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
1/10/73	3				9.6
	33				9.6
	102				9.6
	133				9.6
	203				9.6
	233				9.6
	303				9.6
	333				9.6
	403				9.6
	433				9.6
	503				9.6
	533				9.6
	603				9.8
	633				9.8
	703				0.0
	733				9.9
	803				9.8
	833				9.7
	903				9.6
	933				9.5
	1003				9.4
	1033				9.4
	1103				9.4
	1133				9.8
	1203				9.8
	1233				9.8
	1303				9.7
	1333				9.7
	1403				9.7
	1432				9.6
	1502				9.8
	1532				9.8
	1602				9.8
	1632				9.8
	1702				9.9
	1732				9.9
	1802				10.2
	1832				10.2
	1902				10.0
	1932				9.9
	2002				9.8
	2032				9.6
	2102				9.4
	2132				9.3
	2202				9.3
	2232				9.1
	2302				8.9
	2332				9.4

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
4/ 6/73	1440	11.9	9.5	11.0	10.6
	1440	11.7	9.6	11.0	10.6
	1441	11.6	9.6	11.0	10.9
	1442	11.6	9.7	10.9	10.9
	1509	11.8	9.5	11.4	9.9
	1539	11.5	9.4	11.2	10.0
	1609	11.8	9.3	10.7	11.3
	1639	11.7	9.3	10.6	11.1
	1709	11.7	9.1	11.0	10.4
	1739	11.6	9.2	11.1	10.0
	1809	11.9	8.9	11.2	10.0
	1839	11.6	9.1	11.4	9.3
	1909	11.8	8.9	11.2	9.8
	1939	12.0	8.8	11.5	9.1
	2009	12.1	8.5	11.5	9.0
	2039	12.3	8.2	11.7	8.8
	2109	12.4	8.0	11.8	8.9
	2139	12.4	8.0	11.8	8.9
	2209	12.3	8.2	11.6	9.3
	2239	12.1	8.5	11.1	10.4
	2309	11.9	8.6	11.6	9.1
	2339	11.9	8.7	11.5	9.3

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
4/ 7/72	9	11.9	8.7	11.6	9.2
	39	11.8	8.9	11.6	9.2
	109	11.8	9.0	11.2	10.3
	139	11.7	9.1	11.3	10.2
	209	11.6	9.1	10.8	11.3
	239	11.7	9.1	10.7	11.5
	309	11.7	9.1	10.6	11.6
	339	11.5	9.3	11.4	10.2
	409	11.5	9.3	11.2	10.5
	439	11.6	9.5	10.6	11.5
	509	11.6	9.4	10.8	11.2
	539	11.6	9.3	10.8	11.3
	609	11.6	9.3	11.2	10.3
	639	11.5	8.9	11.6	9.5
	709	11.6	8.5	11.6	9.3
	739	11.4	8.2	11.5	9.5
	809	11.7	9.1	11.5	9.4
	839	11.8	9.0	11.6	9.2
	909	11.8	8.4	11.3	9.7
	939	11.8	8.0	11.5	9.0
	1009	11.6	8.0	11.8	9.1
	1039	11.6	7.8	11.7	9.1
	1109	11.6	8.1	11.4	9.7
	1139	11.6	8.8	11.2	10.2
	1208	11.6	8.6	10.9	11.0
	1238	11.6	8.6	10.9	11.1
	1308	11.6	8.7	11.4	10.1
	1338	11.6	8.8	11.1	10.8
	1408	11.8	8.8	11.6	9.6
	1438	11.8	8.9	10.9	11.3
	1508	11.9	8.8	10.9	11.4
	1538	12.0	8.8	10.8	11.5
	1608	12.1	8.7	10.9	11.3
	1638	12.2	8.7	11.3	10.6
	1708	12.1	8.7	10.8	11.5
	1738	11.9	8.9	10.8	11.4
	1808	11.9	8.8	10.7	11.5
	1838	11.8	8.9	10.8	11.4
	1908	11.8	8.9	11.0	10.8
	1938	11.8	8.9	11.2	10.4
	2008	12.0	8.5	11.3	9.9
	2038	11.9	8.5	11.6	9.2
	2108	11.8	8.5	11.5	9.5
	2138	11.9	8.4	11.4	9.6
	2208	11.8	8.3	11.4	9.4
	2238	11.8	8.3	11.4	9.6
	2308	11.8	8.4	11.3	9.8
	2338	11.7	8.6	11.4	10.0

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
4/ 8/73	8	11.7	8.8	11.6	9.8
	38	11.7	8.9	11.7	9.2
	108	11.8	9.0	11.6	9.5
	138	11.7	9.2	11.6	9.7
	208	11.4	9.9	11.4	9.8
	238	11.4	9.9	11.4	10.2
	308	11.4	9.9	11.2	10.7
	338	11.4	10.0	10.9	11.5
	408	11.4	10.1	10.8	11.7
	438	11.4	10.2	11.0	11.3
	508	11.4	10.2	11.0	11.5
	538	11.4	10.1	11.4	10.0
	608	11.4	9.9	11.1	10.9
	638	11.4	9.9	11.2	10.7
	708	11.4	9.9	11.4	10.0
	738	11.4	9.5	11.4	9.7
	808	11.5	9.2	11.5	9.4
	838	11.4	9.2	11.5	9.4
	908	11.4	9.2	11.4	9.7
	938	11.5	8.5	11.4	9.3
	1008	11.5	8.7	11.3	10.0
	1038	11.5	8.7	11.3	9.9
	1108	11.5	8.7	11.4	9.3
	1138	11.5	8.8	11.5	9.2
	1208	11.5	8.8	11.5	9.4
	1238	11.6	8.7	11.3	10.1
	1308	11.6	8.7	11.4	9.6
	1338	11.6	8.7	11.6	9.1
	1408	11.4	8.8	11.5	9.1
	1438	11.4	8.9	11.4	9.3
	1508	11.4	9.1	11.3	10.0
	1538	11.4	9.2	11.4	9.4
	1608	11.4	9.1	11.4	9.6
	1638	11.3	9.1	11.4	9.7
	1708	11.3	9.3	11.4	9.4
	1738	11.2	9.3	11.4	9.4
	1808	11.3	9.0	11.3	10.0
	1838	11.3	9.1	11.0	11.0
	1908	11.3	9.3	11.3	10.0
	1938	11.2	9.3	11.3	9.4
	2008	11.3	9.0	11.2	9.6
	2038	11.4	9.1	11.2	9.9
	2108	11.3	9.2	11.2	10.0
	2138	11.2	9.1	11.2	10.0
	2208	11.3	9.0	11.2	10.0
	2237	11.3	8.5	11.2	10.2
	2307	11.3	8.5	11.2	10.2
	2337	11.3	8.3	10.9	11.7

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
4/ 9/73	7	11.3	8.7	11.0	11.2
	37	11.3	9.2	11.0	10.8
	107	11.3	8.8	11.2	10.4
	137	11.2	8.9	11.2	10.2
	207	11.3	9.0	11.2	10.2
	237	11.3	9.3	11.2	10.4
	307	11.2	9.5	11.2	10.9
	337	11.2	9.5	11.1	11.1
	407	11.2	9.5	11.1	11.0
	437	11.1	9.5	11.2	10.8
	507	11.1	9.3	11.2	10.6
	537	11.1	9.0	11.2	10.6
	607	11.1	9.1	11.1	11.3
	637	11.2	9.4	11.0	11.4
	707	11.2	9.5	11.0	11.6
	737	11.2	9.4	11.1	11.0
	807	11.2	9.6	11.2	10.9
	837	11.2	9.0	11.1	11.1
	907	11.3	9.3	11.1	11.3
	937	11.3	9.1	11.2	11.0
	1007	11.2	9.3	11.2	10.5
	1037	11.4	8.8	11.2	10.3
	1107	11.5	8.9	11.2	10.4
	1137	11.6	8.8	11.2	10.4
	1207	11.6	8.8	11.2	10.6
	1237	11.6	9.1	11.2	10.7
	1307	11.3	8.9	11.2	10.4
	1337	11.6	8.9	11.2	10.4
	1407	11.5	9.2	11.1	10.8
	1437	11.9	8.9	11.1	10.8
	1507	11.8	9.3	11.4	10.0
	1537	11.9	9.3	11.1	10.8
	1607	11.8	9.4	11.2	10.7
	1637	11.8	9.7	11.1	11.1
	1707	11.7	9.7	11.1	11.1
	1737	11.6	9.9	11.3	10.9
	1807	11.7	9.8	11.0	11.5
	1837	11.6	9.8	11.1	11.3
	1907	11.7	9.7	11.3	10.6
	1937	11.6	10.1	11.1	11.5
	2007	11.5	10.2	11.1	11.4
	2037	11.5	10.1	11.1	11.5
	2107	11.5	10.1	11.4	10.5
	2137	11.6	10.1	11.5	10.3
	2207	11.7	9.8	11.5	10.2
	2237	11.6	9.7	11.5	10.1
	2307	11.7	9.5	11.6	9.9
	2337	11.8	9.6	11.6	9.9

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
4/10/73	7	11.7	9.4	11.7	9.8
	37	11.6	9.3	11.6	10.0
	107	11.6	9.3	11.6	10.0
	137	11.6	9.5	11.6	9.6
	207	11.6	9.8	11.6	9.8
	237	11.6	9.9	11.6	10.0
	307	11.6	10.1	11.4	10.3
	337	11.5	10.1	11.4	10.5
	407	11.4	10.3	11.3	10.7
	437	11.5	10.1	11.4	10.5
	507	11.6	9.8	11.4	10.6
	537	11.6	9.7	11.4	10.6
	607	11.6	9.8	11.4	10.4
	637	11.6	9.9	11.4	10.3
	707	11.6	9.9	11.4	10.3
	737	11.6	9.9	11.5	10.2
	807	11.6	9.9	11.5	10.2
	833	11.6	9.9	11.5	10.0
	907	11.7	9.9	11.6	10.0
	930	11.8	9.9	11.6	10.0
	1007	11.7	9.7	11.6	9.8
	1030	11.7	9.7	11.6	9.7
	1107	11.7	9.7	11.6	9.9
	1137	11.8	9.7	11.6	9.8
	1201	11.8	9.5	11.7	9.6
	1231	11.8	9.4	11.7	9.5
	1300	11.7	9.2	11.7	9.3
	1331	11.7	9.2	11.7	9.2
	1400	11.7	9.2	11.7	9.2
	1437	11.8	8.7	11.7	9.2
	1507	11.9	8.7	11.6	9.2
	1537	11.8	8.8	11.7	9.0
	1607	11.8	8.9	11.8	9.0
	1637	11.8	8.9	11.8	9.2
	1707	11.8	9.0	11.8	9.2
	1737	11.8	9.3	11.7	9.4
	1807	11.8	9.3	11.7	9.4
	1837	11.8	9.2	11.7	9.2
	1907	11.7	9.2	11.7	9.2
	1937	11.7	9.2	11.7	9.2
	2007	11.7	8.9	11.7	9.0
	2037	11.6	9.0	11.6	9.0
	2107	11.7	8.5	11.6	8.8
	2137	12.6	8.5	11.7	8.8
	2207	13.5	8.1	11.8	8.5
	2237	13.6	8.4	11.6	8.5
	2307	14.0	8.5	11.7	8.5
	2337	13.9	8.5	11.6	8.5

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
4/11/73	7	14.2	8.2	11.6	8.4
	37	14.4	7.8	11.5	8.4
	107	14.3	7.7	11.6	8.3
	137	13.7	7.6	11.4	8.0
	207	13.5	7.4	11.4	7.7
	237	13.1	7.4	11.5	8.1
	307	12.9	7.2	11.4	8.2
	337	12.6	7.7	11.3	8.2
	407	12.2	7.8	11.2	8.0
	437	12.1	8.2	11.1	8.3
	507	12.1	8.5	11.0	8.6
	537	12.3	8.9	11.2	8.8
	607	12.2	9.0	11.2	8.9
	637	12.3	9.0	11.3	8.9
	707	12.2	8.9	11.3	9.0
	737	12.2	9.0	11.2	9.0
	807	11.9	8.7	11.2	8.9
	837	11.9	8.0	11.1	8.9
	907	12.0	8.4	11.2	9.0
	937	11.9	7.8	11.0	8.7
	1007	11.8	7.3	11.0	8.1
	1037	11.8	7.4	11.1	8.2
	1107	11.9	7.4	11.1	8.1
	1137	11.8	7.3	11.1	8.2
	1207	11.9	7.3	11.2	8.5
	1237	11.9	7.3	11.2	7.6
	1307	11.9	7.5	11.2	7.8
	1337	12.0	7.5	11.3	7.8
	1407	11.8	7.1	11.2	7.6
	1437	11.9	6.6	11.2	7.0
	1507	11.8	6.6	11.2	6.9
	1537	11.8	6.7	11.2	7.1
	1607	11.8	6.4	11.3	7.1
	1637	11.8	6.6	11.2	7.4
	1707	11.8	6.6	11.1	7.3
	1737	11.7	6.9	11.0	7.5
	1807	11.7	7.5	11.2	7.7
	1837	11.7	7.3	11.2	7.7
	1907	11.7	7.5	11.2	7.8
	1937	11.6	7.2	11.2	7.7
	2007	11.6	7.3	11.2	7.8
	2037	11.6	7.1	11.2	7.9
	2107	11.6	7.2	11.2	8.0
	2137	11.6	7.4	11.2	8.5
	2207	11.5	7.4	11.2	8.6
	2237	11.4	6.6	11.1	8.7
	2307	11.4	6.6	11.2	9.2
	2337	11.4	6.7	11.1	9.6

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
4/12/72	7	11.2	6.6	11.1	10.0
	37	11.2	6.6	11.1	10.2
	107	11.2	6.6	11.0	8.7
	137	11.2	6.8	11.0	8.2
	207	11.2	6.5	11.0	7.3
	237	11.0	6.4	11.0	7.4
	307	11.2	5.9	11.0	7.2
	337	11.2	5.6	11.1	9.0
	407	11.1	5.5	10.9	8.6
	437	11.0	5.6	10.9	7.7
	507	11.1	6.3	10.8	7.6
	537	11.0	6.4	10.7	7.4
	607	11.0	6.7	10.8	8.1
	637	11.0	6.8	11.0	9.0
	707	11.0	6.9	11.0	9.0
	737	10.9	7.0	11.0	8.7
	807	10.8	7.2	11.1	9.1
	837	10.9	7.4	11.1	10.0
	907	11.1	7.6	11.1	10.5
	937	11.0	7.8	11.1	10.4
	1007	11.0	7.5	11.1	10.5
	1037	11.0	7.4	11.0	10.6
	1107	10.9	7.2	11.0	10.9
	1137	11.0	7.4	11.0	10.5
	1207	10.9	7.3	11.0	10.8
	1237	10.9	7.0	11.0	10.7
	1307	10.8	6.8	11.0	9.6
	1337	11.0	6.6	10.7	7.4
	1407	11.0	6.6	10.8	9.3
	1437	10.9	6.0	10.7	7.6
	1507	10.8	5.8	10.9	9.5
	1537	10.9	6.1	11.0	10.0
	1607	11.0	6.3	11.0	9.7
	1637	10.9	6.4	11.0	9.7
	1707	11.0	6.6	10.8	8.3
	1737	11.0	6.7	10.7	7.7
	1807	11.0	6.4	10.7	7.7
	1837	11.1	6.7	10.7	7.7
	1907	11.2	6.9	11.0	10.9
	1937	11.4	7.0	11.0	11.1
	2007	11.1	7.2	11.0	11.3
	2037	11.0	7.2	11.0	11.4
	2107	11.0	7.2	11.0	10.8
	2137	11.1	7.1	11.0	11.3
	2207	11.0	7.2	11.0	11.1
	2237	10.9	7.1	11.0	11.1
	2307	10.8	7.0	11.0	10.9
	2337	10.7	7.2	11.0	11.1

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
4/13/73	7	10.6	7.2	11.0	11.2
	37	10.6	7.2	11.0	11.2
	107	10.6	6.9	11.0	11.5
	137	10.5	6.7	11.0	11.6
	207	10.5	6.6	11.0	11.4
	237	10.3	6.6	11.0	11.3
	307	10.4	6.3	11.0	11.0
	337	10.4	6.1	11.0	11.6
	407	10.3	5.9	11.0	11.6
	437	10.3	6.0	11.0	11.6
	507	10.3	6.2	10.9	11.2
	537	10.3	6.2	10.8	10.3
	607	10.3	6.1	10.5	8.0
	637	10.4	6.2	10.6	8.5
	707	10.3	6.4	10.5	8.1
	737	10.4	6.6	10.5	8.4
	807	10.5	6.8	10.8	10.3
	837	10.5	6.8	10.5	8.8
	906	10.5	6.8	10.8	10.7
	936	10.5	6.8	10.8	10.7
	1006	10.5	6.8	10.9	11.1
	1036	10.6	6.9	11.0	11.4
	1106	10.6	7.1	10.8	10.5
	1136	10.6	7.4	10.8	10.9
	1206	10.7	7.3	10.8	10.2
	1236	10.8	7.4	10.9	11.5
	1306	10.9	7.4	10.8	11.9
	1336	10.9	7.7	10.7	10.5
	1406	11.0	7.8	10.7	10.5
	1436	11.0	8.0	10.8	9.2
	1506	11.1	8.0	10.7	8.8
	1536	11.1	8.5	10.8	8.9
	1606	11.0	8.1	10.6	8.7
	1636	11.0	7.8	10.8	8.7
	1706	11.0	7.6	10.8	8.0
	1736	11.0	7.7	10.8	8.1
	1806	11.0	7.5	10.8	8.0
	1836	10.9	7.6	10.8	8.5
	1906	10.8	7.6	10.6	9.1
	1936	10.8	7.4	10.7	9.1
	2006	10.7	7.7	10.6	8.8
	2036	10.6	8.1	10.4	8.2
	2106	10.6	8.0	10.6	9.3
	2136	10.6	7.9	10.6	9.7
	2206	10.5	7.8	10.6	10.1
	2236	10.5	8.1	10.6	9.8
	2306	10.4	7.8	10.5	9.5
	2336	10.4	7.9	10.5	9.1

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
4/14/73	6	10.6	8.6	10.6	10.7
	36	10.5	8.4	10.6	11.0
	106	10.5	8.3	10.6	9.7
	136	10.4	7.9	10.5	9.2
	206	10.6	8.5	10.6	10.0
	236	10.5	8.0	10.5	9.4
	306	10.4	8.0	10.4	8.8
	336	10.4	7.7	10.5	9.0
	406	10.3	7.7	10.4	8.8
	436	10.3	7.6	10.4	8.6
	506	10.2	7.4	10.6	12.1
	536	10.3	7.7	10.6	11.8
	606	10.2	7.3	10.4	9.0
	636	10.2	7.3	10.3	8.5
	706	10.2	7.7	10.1	8.1
	736	10.2	7.9	10.3	9.2
	806	10.3	8.2	10.3	9.7
	836	10.3	8.2	10.3	9.2
	906	10.3	8.3	10.3	9.0
	936	10.4	8.3	10.2	9.1
	1006	10.5	8.3	10.2	9.1
	1036	10.5	8.3	10.3	9.1
	1106	10.6	8.2	10.4	9.7
	1136	10.4	8.8	10.5	11.9
	1206	10.6	8.3	10.5	12.2
	1236	10.7	8.4	10.5	12.2
	1306	10.7	8.7	10.4	11.1
	1336	10.8	8.5	10.4	10.7
	1406	10.5	8.3	10.4	11.4
	1436	10.6	7.8	10.4	11.5
	1506	10.6	8.1	10.4	10.8
	1536	10.5	8.4	10.4	10.3
	1606	10.8	8.5	10.4	9.5
	1636	11.0	8.2	10.3	9.2
	1706	11.2	8.1	10.4	9.2
	1736	11.0	8.0	10.4	11.2
	1806	10.9	8.3	10.4	10.9
	1836	10.8	8.5	10.4	9.4
	1906	10.8	8.4	10.4	9.9
	1936	11.2	8.3	10.4	9.3
	2006	11.1	8.2	10.5	9.2
	2036	11.1	8.1	10.4	9.4
	2106	11.3	8.0	10.4	10.9
	2136	11.2	8.2	10.4	11.2
	2206	11.2	8.3	10.4	10.4
	2236	11.0	8.7	10.7	9.2
	2306	11.1	8.9	10.5	9.9
	2336	11.3	9.2	11.0	9.4

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
4/15/73	6	11.3	9.3	10.5	10.9
	36	11.1	8.5	10.4	11.8
	105	11.1	8.7	10.4	11.5
	135	11.1	8.7	10.5	10.3
	205	10.9	9.1	10.6	9.6
	235	10.8	8.5	10.6	9.8
	305	10.8	8.7	10.7	9.6
	335	10.9	8.5	10.8	9.4
	405	10.9	8.3	10.7	9.0
	435	10.8	8.1	10.7	9.2
	505	10.7	8.0	10.6	8.9
	535	10.7	8.0	10.6	8.9
	605	10.7	8.1	10.6	9.6
	635	10.9	8.4	10.5	10.6
	705	10.8	8.3	10.5	11.3
	735	10.8	8.2	10.5	9.9
	805	10.8	8.2	10.6	9.6
	835	10.8	8.2	10.7	9.6
	905	10.9	8.5	10.8	9.2
	935	11.0	8.5	10.8	9.2
	1005	10.8	8.5	10.6	11.1
	1035	10.8	8.5	10.6	10.9
	1105	10.8	8.6	10.7	9.9
	1135	10.8	8.5	10.8	9.7
	1205	10.9	8.6	10.7	9.4
	1235	11.0	8.8	10.6	11.2
	1305	10.9	8.6	10.5	11.5
	1335	11.5	8.3	10.5	11.1
	1405	11.0	8.7	10.6	10.4
	1435	11.3	8.8	10.8	9.6
	1505	11.7	8.5	10.8	9.3
	1535	12.1	8.4	10.8	9.2
	1605	12.3	8.5	10.7	9.1
	1635	12.4	8.5	10.8	9.2
	1705	12.3	8.5	10.8	9.1
	1735	12.4	8.4	10.9	9.1
	1805	12.4	8.4	11.0	9.0
	1835	12.2	8.4	11.0	9.1
	1905	12.0	8.5	10.7	9.5
	1935	11.8	8.6	10.7	9.8
	2005	11.7	8.7	10.6	10.4
	2035	11.4	8.7	10.6	10.2
	2105	11.4	8.8	10.8	9.6
	2135	11.4	8.9	10.8	9.5
	2205	11.5	9.0	10.8	9.6
	2235	11.5	9.1	10.9	10.1
	2305	11.4	8.9	10.9	9.8
	2335	11.4	8.9	11.1	9.5

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
4/16/73	5	11.4	8.9	11.1	9.5
	35	11.5	9.2	10.9	10.0
	105	11.6	9.2	10.7	10.2
	135	11.4	9.0	10.8	10.2
	205	11.4	9.1	11.1	9.6
	235	11.5	8.9	11.1	9.2
	305	11.4	8.9	11.1	8.9
	335	11.6	8.7	11.2	8.8
	405	11.4	8.7	11.0	8.8
	435	11.3	8.9	11.1	8.8
	505	11.3	8.8	11.1	8.7
	535	11.3	8.7	11.1	8.7
	605	11.4	8.5	11.1	8.7
	635	11.4	8.6	11.0	8.7
	705	11.4	8.6	11.1	8.7
	735	11.5	8.5	11.2	8.5
	805	11.4	8.6	11.2	8.6
	835	11.4	8.7	10.9	8.8
	905	11.4	8.9	11.0	9.0
	935	11.5	8.9	11.1	9.0
	1005	11.4	8.8	11.2	9.0
	1035	11.4	8.9	11.2	8.9
	1105	11.5	8.9	11.1	9.2
	1135	11.8	8.9	11.0	9.7
	1205	12.0	8.9	11.0	9.5
	1235	11.9	8.9	10.9	9.8
	1305	11.9	8.9	11.1	9.3
	1335	11.8	9.0	10.8	10.1
	1405	12.1	9.0	10.9	9.8
	1435	12.3	9.1	10.9	10.0
	1505	12.2	9.0	11.2	9.2
	1535	12.2	8.9	11.8	8.9
	1605	12.2	9.0	11.8	8.9
	1635	12.4	8.9	11.7	9.0
	1705	12.2	8.9	11.7	8.9
	1735	12.3	8.8	12.1	8.7
	1805	12.2	8.8	11.9	8.7
	1835	12.3	8.7	12.1	8.7
	1905	12.6	8.7	12.6	8.7
	1935	13.0	8.9	12.2	8.7
	2005	13.1	8.9	12.3	8.8
	2035	12.3	8.9	12.2	9.0
	2105	12.4	8.9	12.1	9.0
	2135	12.2	8.9	12.0	9.0
	2205	12.3	8.9	12.0	9.0
	2235	12.2	8.9	12.0	8.9
	2305	12.2	9.0	11.6	9.4
	2335	12.3	9.1	11.4	9.6

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
4/17/72	5	12.3	9.1	11.3	9.6
	35	12.2	9.1	11.4	9.5
	105	12.2	9.0	11.5	9.3
	135	12.2	9.1	11.2	9.8
	205	12.2	9.1	11.3	9.8
	235	12.1	9.0	11.3	9.6
	305	12.2	9.1	11.9	9.0
	335	12.2	8.9	12.0	8.9
	405	12.8	8.7	12.1	8.9
	435	12.4	8.9	12.1	8.9
	505	12.5	8.9	12.2	8.9
	535	12.3	8.9	12.1	8.8
	605	12.3	8.9	12.1	8.8
	635	12.4	8.8	12.1	8.8
	705	12.4	8.7	12.0	8.7
	735	12.4	8.5	12.1	8.7
	805	12.4	8.6	12.1	8.7
	835	12.4	8.7	12.1	8.7
	905	12.6	8.9	12.2	8.8
	935	12.5	8.9	12.3	8.9
	1005	12.4	9.1	12.1	9.0
	1035	12.4	9.2	12.1	9.1
	1105	12.3	9.2	12.0	9.2
	1135	12.4	9.3	12.1	9.2
	1205	12.7	9.3	12.1	9.2
	1235	12.5	9.3	11.8	9.4
	1305	12.6	9.2	11.7	9.5
	1335	12.9	9.1	11.9	9.3
	1405	12.9	9.1	12.1	9.2
	1435	13.0	9.0	11.8	9.5
	1505	13.1	8.8	12.0	9.3
	1535	13.1	8.8	12.2	9.2
	1605	13.1	8.8	12.6	8.9
	1635	13.2	8.9	12.9	8.9
	1705	13.2	8.8	12.7	8.8
	1735	13.4	8.6	12.7	8.7
	1805	13.3	8.4	12.8	8.7
	1835	13.3	8.4	12.7	8.5
	1905	13.2	8.4	12.8	8.5
	1935	13.1	8.5	12.8	8.5
	2005	13.1	8.6	12.9	8.7
	2035	13.1	8.6	12.9	8.6
	2105	13.2	8.6	13.1	8.7
	2135	13.3	8.6	12.9	8.7
	2205	13.3	8.7	12.9	8.9
	2235	13.1	8.8	12.8	8.9
	2305	13.1	8.9	12.7	9.0
	2335	13.0	8.9	11.8	9.9

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
4/18/72	5	13.0	8.9	11.9	9.8
	35	13.1	8.9	11.6	10.2
	105	13.1	8.8	11.6	10.2
	135		3.3	0.7	9.8
	204	13.1	8.8	12.3	9.4
	234	13.0	8.9	11.6	10.2
	304	13.1	8.9	11.5	10.2
	334	13.1	8.9	11.6	9.8
	404	13.1	8.7	12.3	9.4
	434	13.3	8.7	12.7	8.7
	504	13.4	8.8	12.3	9.6
	534	13.3	8.6	12.9	8.9
	604	13.3	8.6	12.9	8.7
	634	13.2	8.6	12.8	8.7
	704	13.0	8.5	12.8	8.5
	734	13.6	8.3	12.9	8.4
	804	13.9	8.3	12.9	8.3
	834	14.0	8.4	12.9	8.5
	904	14.2	8.4	12.8	8.7
	934	14.3	8.5	13.1	8.7
	1004	14.7	8.5	12.7	9.0
	1034	15.3	8.9	12.8	9.1
	1104	14.8	9.1	12.4	9.5
	1134	15.0	9.1	12.5	9.6
	1204	14.9	9.2	12.7	9.2
	1234	14.9	9.3	12.1	10.2
	1304	14.8	9.3	11.2	10.8
	1334	15.0	9.1	12.8	9.4
	1404	14.6	9.2	11.5	10.5
	1434	15.1	9.1	12.7	9.5
	1504	13.9	9.3	11.5	10.6
	1534	13.9	9.2	11.4	10.6
	1604	14.6	9.0	12.3	9.8
	1634	15.1	8.9	12.7	9.4
	1704	15.1	8.7	13.4	8.9
	1734	15.1	8.6	13.5	9.0
	1804	15.3	8.5	12.3	10.3
	1834	15.2	8.7	12.3	10.1
	1904	15.2	8.5	13.3	8.8
	1934	15.4	8.5	13.3	8.7
	2004	14.3	8.6	12.8	9.4
	2034	14.5	8.7	12.6	9.6
	2104	14.8	8.6	11.6	10.7
	2134	15.3	8.6	12.8	9.6
	2204	15.4	8.7	12.4	9.9
	2234	15.0	8.7	12.8	9.6
	2304	15.0	8.8	12.1	10.2
	2334	15.0	8.9	12.2	10.1

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
4/19/73	4	15.2	8.9	12.0	10.5
	34	15.1	9.1	11.5	10.9
	104	15.3	9.1	11.3	11.1
	134	15.5	9.0	11.2	11.1
	204	15.4	9.1	12.7	9.9
	234	15.2	9.1	12.1	10.4
	304	15.2	9.1	11.4	10.8
	334	15.2	9.1	11.2	11.0
	404	15.2	9.2	11.2	11.0
	434	15.4	9.0	11.8	10.3
	504	15.0	8.9	12.3	9.8
	534	15.2	8.8	12.9	9.4
	604	15.7	8.4	11.5	11.0
	634	15.8	8.4	13.6	8.8
	704	15.4	8.4	13.7	8.9
	734	15.3	8.5	13.7	8.9
	804	15.1	8.6	13.7	8.7
	834	15.4	8.6	13.3	8.8
	904	15.3	8.7	12.2	10.3
	934	15.5	8.7	11.8	10.5
	1004	15.2	8.7	11.9	10.5
	1034	15.2	8.7	12.1	10.3
	1104	15.5	8.9	12.8	9.7
	1134	15.4	8.9	12.7	9.8
	1204	15.5	8.8	12.4	10.0
	1234	15.9	8.7	11.5	11.0
	1304	15.8	9.0	11.3	11.1
	1334	16.3	9.1	11.3	11.1
	1404	16.3	9.1	11.3	11.1
	1434	16.5	9.0	13.6	9.0
	1504	16.5	8.9	13.7	9.0
	1534	16.5	8.9	11.4	11.1
	1604	16.4	8.9	11.4	11.1
	1634	16.5	8.8	11.4	11.1
	1704	16.3	8.8	11.7	10.7
	1734	16.7	8.8	11.9	10.4
	1804	16.7	8.9	12.3	10.1
	1834	16.2	9.0	13.2	9.4
	1904	16.1	9.0	13.5	9.4
	1934	16.1	8.9	12.3	10.1
	2004	16.0	8.8	13.3	9.2
	2034	15.9	8.9	13.1	9.2
	2104	16.1	8.9	12.5	9.8
	2134	15.7	9.0	12.9	9.8
	2204	15.8	8.9	12.4	10.2
	2234	16.0	9.0	12.4	10.2
	2304	16.2	9.0	12.8	9.9
	2334	16.1	9.1	13.0	9.9

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
4/20/73	4	15.9	9.0		9.8
	34	16.2	9.1		10.2
	104	16.2	9.2		10.7
	134	15.7	9.2		11.1
	204	15.5	9.4		10.5
	234	15.4	9.3		9.6
	304	15.8	9.2		9.4
	334	15.8	9.3		10.8
	404	15.7	9.3		11.1
	434	15.7	9.1		10.9
	504	16.2	9.1		10.7
	534	15.9	9.1		9.9
	604	15.6	9.1		9.4
	634	15.8	9.0		9.2
	704	15.8	8.9		9.1
	734	15.8	8.8		9.0
	804	15.7	8.8		9.0
	834	15.6	8.9		9.1
	904	15.8	8.9		8.9
	934	16.0	8.8		10.0
	1004	15.9	8.9		10.0
	1034	15.8	8.9		10.2
	1104	16.0	8.8		10.3
	1134	16.0	8.9		10.1
	1204	16.5	8.9		10.0
	1234	16.4	9.1		9.5
	1304	16.7	9.0		9.3
	1334	16.8	9.1		9.8
	1404	17.1	9.1		10.8
	1434	17.5	9.1		10.7
	1504	17.7	9.2		9.8
	1534	17.7	9.2		9.2
	1604	17.5	9.2		10.7
	1634	17.1	9.2		10.8
	1704	17.1	9.2		10.9
	1734	16.9	9.1		10.7
	1804	16.8	9.1		10.2
	1834	17.0	9.1		9.8
	1904	17.0	9.1		9.5
	1934	16.8	9.3		9.3
	2004	16.5	9.2		9.2
	2034	16.5	9.1		9.3
	2104	16.5	9.1		9.2
	2134	16.6	9.1		9.2
	2204	16.5	9.1		9.4
	2234	16.4	9.1		10.6
	2304	16.7	9.1		10.5
	2334	16.9	9.3		10.1

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
4/21/72	4	16.3	9.3		9.8
	34	16.2	9.3		9.8
	104	15.8	9.5		10.1
	124	15.6	9.6		10.2
	204	16.1	9.6		10.3
	234	16.2	9.6		10.3
	304	16.0	9.6		10.1
	334	16.0	9.6		9.8
	404	15.9	9.7		9.9
	434	15.7	9.8		10.8
	504	15.6	9.7		10.9
	534	16.0	9.6		10.5
	604	15.9	9.4		10.3
	634	15.8	9.4		9.8
	704	15.8	9.3		9.2
	734	16.0	9.3		9.3
	804	16.1	9.2		9.3
	834	16.7	9.2		9.2
	904	16.9	9.1		9.2
	934	16.5	9.1		9.2
	1004	16.4	9.2		9.3
	1034	16.6	9.1		10.0
	1104	16.9	9.1		10.0
	1134	16.5	9.1		10.5
	1204	16.6	9.2		10.3
	1234	16.1	9.3		10.0
	1304	16.0	9.3		10.0
	1334	15.9	9.3		9.9
	1404	15.7	9.4		9.7
	1434	15.6	9.4		10.0
	1504	15.6	9.4		10.4
	1534	17.5	9.3		9.5
	1604	17.3	9.2		9.3
	1634	17.1	9.2		9.7
	1704	17.2	9.2		10.8
	1734	17.3	9.3		10.8
	1804	17.5	9.0		10.5
	1834	17.2	9.2		10.0
	1904	17.2	9.3		9.6
	1934	17.0	9.2		9.4
	2004	16.9	9.2		9.4
	2034	17.1	9.2		9.3
	2104	17.1	9.2		9.3
	2134	17.1	9.2		9.3
	2204	16.7	9.1		9.2
	2234	16.2	9.1		9.3
	2304	16.6	9.1		9.7
	2334	17.2	9.2		9.5

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
4/22/73	4	16.9	9.3		9.6
	34	16.5	9.3		9.6
	104	16.4	9.4		9.6
	134	15.7	9.4		9.6
	204	15.7	9.5		9.7
	234	16.2	9.7		9.8
	304	15.9	9.6		9.8
	334	15.8	9.5		9.6
	404	15.8	9.5		9.5
	434	15.7	9.5		9.5
	504	15.7	9.5		10.5
	534	15.7	9.5		10.6
	604	15.8	9.5		10.4
	634	15.7	9.4		10.2
	704	15.6	9.4		10.0
	734	15.5	9.4		9.4
	804	15.5	9.4		9.3
	834	15.6	9.3		9.2
	904	15.5	9.1		9.2
	934	15.5	9.0		9.2
	1004	15.7	9.0		9.1
	1034	15.6	9.0		9.0
	1104	15.7	8.9		9.0
	1134	15.8	8.9		9.2
	1204	15.7	9.1		9.1
	1234	16.0	9.2		9.2
	1304	15.9	9.3		9.2
	1334	15.7	9.3		9.5
	1404	15.8	9.3		9.2
	1434	15.9	9.6		9.5
	1504	15.8	9.6		9.5
	1534	15.9	8.8		9.5
	1604	15.9	9.5		9.5
	1634	16.1	9.4		9.5
	1704	16.2	9.3		9.5
	1734	17.0	9.3		9.8
	1804	16.7	9.3		10.0
	1834	16.6	9.4		9.9
	1904	16.6	9.5		9.6
	1934	16.2	9.3		9.3
	2004	15.9	9.0		9.2
	2034				
	2104		8.9	12.0	9.1
	2134		8.9	11.9	9.0
	2204		8.9	11.7	9.0
	2234		8.8	11.4	9.1
	2304		8.7	11.2	9.0
	2334		8.9	11.0	9.0

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
4/23/73	1140	16.9	8.4		
	1141	16.9	8.5		
	1141	16.9	8.4		
	1142	16.8	8.5		
	1143	16.8	8.4		
	1144	16.8	8.4		
	1209	16.9	8.2		
	1239	17.0	8.1		
	1309	16.5	8.4		
	1339	16.4	8.3		
	1409	16.7	8.3		
	1439	17.4	8.3		
	1509	16.4	9.0		
	1539	16.4	8.9		
	1609	17.3	8.6		
	1639	17.1	8.9		
	1709	17.0	8.9		11.8
	1739	17.0	8.9		12.0
	1809	16.8	8.9		11.9
	1839	17.1	8.9		11.6
	1909	16.7	9.0		11.8
	1939	16.7	9.0		11.6
	2009	16.6	9.0		11.1
	2039	16.9	8.9		11.2
	2109	17.1	8.9		11.2
	2139	17.0	8.7		11.1
	2209	16.9	8.7		11.4
	2239	16.8	8.5		11.4
	2309	17.0	8.4		11.5
	2339	17.2	8.4		10.2

LOCATION 2 KAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
4/24/72	9	17.4	8.3	16.1	9.6
	39	17.4	8.3	16.1	9.6
	109	17.0	8.7	16.3	9.7
	139	17.1	8.7	13.8	11.1
	209	16.8	8.8	11.9	11.9
	239	16.7	8.9	11.6	12.2
	309	16.9	9.1	11.5	12.3
	339	17.0	9.0	11.5	12.3
	409	16.9	9.0	12.7	11.6
	439	16.9	9.0	11.4	12.4
	509	16.7	9.3	11.5	12.4
	539	16.9	9.1	11.3	12.4
	609	16.9	9.1	11.3	12.4
	639	16.9	8.3	11.2	12.5
	709	16.9	9.3	11.6	12.2
	739	16.9	9.0	11.6	12.3
	809	17.0	8.7	11.2	12.6
	839	17.1	8.7	11.3	12.6
	909	17.0	8.7	11.3	12.8
	939	17.1	8.5	11.4	12.9
	1009	17.2	8.3	11.4	12.9
	1039	17.2	8.2	11.4	12.8
	1109	17.5	8.3	11.5	12.8
	1139	17.2	8.1	11.4	12.8
	1209	17.2	8.1	11.7	12.7
	1239	17.2	8.1	11.9	12.4
	1309	17.1	8.2	12.3	11.3
	1339	16.1	8.9	12.4	11.9
	1409	17.1	9.0	12.6	11.7
	1439	16.4	9.0	13.6	11.2
	1509	15.2	10.0	13.8	11.1
	1539	15.4	9.8	11.6	12.4
	1609	15.8	9.6	12.0	12.1
	1639	17.7	8.7	12.0	12.1
	1709	17.9	8.6	12.9	11.5
	1739	17.8	8.6	12.1	12.0
	1809	17.9	8.7	11.3	12.6
	1839	17.3	8.9	11.3	12.7
	1909	17.4	8.9	11.4	12.6
	1939	16.5	9.4	11.8	12.4
	2009	15.7	9.7	11.8	12.4
	2039	15.4	9.9	11.7	12.7
	2109	15.4	10.0	11.8	12.7
	2139	14.2	10.6	12.3	12.2
	2209	14.8	10.3	12.8	11.9
	2239	16.3	9.5	12.4	12.2
	2309	16.6	9.4	12.5	12.1
	2339	16.7	9.3	13.5	11.3

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
4/25/73	9	16.7	9.2	12.7	12.0
	39	16.5	9.3	13.3	11.6
	109	16.4	9.3	12.7	11.9
	139	16.8	9.3	12.7	11.9
	209	16.4	9.5	13.1	11.7
	239	16.4	9.6	13.5	11.4
	309	16.5	9.5	13.7	11.3
	339	16.5	9.4	13.3	11.5
	409	16.5	9.4	13.5	11.4
	439	16.5	9.5	13.7	11.3
	509	16.7	9.4	13.4	11.5
	539	16.6	9.4	12.9	11.8
	609	16.7	9.4	12.8	12.0
	639	16.6	9.5	12.1	12.4
	709	15.6	10.1	12.1	12.4
	739	15.6	9.9	12.0	12.5
	809	16.3	9.6	12.1	12.4
	839	16.5	9.5	12.3	12.2
	909	16.5	9.5	12.7	12.0
	939	16.5	9.5	12.5	12.1
	1009	16.6	9.5	12.2	12.3
	1039	16.4	9.6	12.3	12.2
	1109	16.7	9.5	12.0	12.4
	1139	16.9	9.4	12.3	12.1
	1209	17.0	9.3	13.2	11.5
	1239	17.0	9.2	12.6	11.7
	1309	16.8	9.3	13.3	11.3
	1339	16.8	9.3	13.8	11.1
	1409	16.8	9.3	13.5	11.4
	1439	16.7	9.3	13.8	11.1
	1509	16.8	9.3	15.1	10.9
	1539	16.4	9.5	15.9	10.2
	1609	16.4	9.4	15.9	10.2
	1639	16.5	9.6	14.9	11.2
	1709	16.4	9.6	12.8	11.9
	1739	16.2	9.7	12.7	12.1
	1809	16.1	9.8	13.1	12.0
	1839	16.1	9.9		10.1
	1909	16.0	9.9		11.8
	1939	16.1	9.9		12.0
	2009	16.1	9.9		11.7
	2039	16.1	9.8		11.8
	2109	16.1	9.8		11.3
	2139	16.0	9.7		11.0
	2209	16.2	9.7		11.0
	2239	16.1	9.7		11.3
	2309	16.0	9.7		10.9
	2339	16.2	9.5		10.6

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
4/26/72	9	16.0	9.6		10.2
	39	16.0	9.6		10.0
	109	16.1	9.5		9.8
	139	16.1	9.5		10.0
	209	16.0	9.5		9.8
	239	16.0	9.5		9.7
	309	16.0	9.4		9.5
	339	16.0	9.4		9.6
	409	16.0	9.4		9.5
	439	16.0	9.5		9.5
	509	15.9	9.5		9.6
	539	15.9	9.5		9.7
	609	16.0	9.6		9.8
	639	16.0	9.7		9.6
	709	15.9	9.7		9.6
	739	15.9	9.7		9.7
	809	15.9	9.7		11.7
	839	15.9	9.7		11.8
	909	15.9	9.7		11.6
	939	15.9	9.7		10.6
	1009	15.9	9.7		9.8
	1039	15.9	9.6		11.2
	1109	15.8	9.6		11.5
	1139	15.8	9.4		10.9
	1209	15.9	9.2		10.4
	1239	15.9	9.2		10.2
	1309	16.0	9.1		9.7
	1339	16.0	9.0		9.7
	1409	16.0	9.0		12.3
	1439	16.2	8.7		10.9
	1509	16.2	8.7		10.5
	1539	16.2	8.7		10.3
	1609	16.2	8.7		9.8
	1639	16.1	8.7		10.3
	1709	16.1	8.7		9.9
	1739	16.1	8.7		11.2
	1809	16.1	8.7		11.4
	1839	16.1	8.7		10.4
	1909	16.0	8.7		10.8
	1939	16.0	8.9		11.3
	2009	16.0	8.8		11.4
	2039	15.9	9.0		11.2
	2109	15.8	9.1		11.7
	2139	15.7	9.3		12.2
	2209	15.6	9.5		11.7
	2239	15.5	9.6		11.9

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
5/ 2/73	1100	15.8	7.8		1.9
	1100	15.9	7.6		2.0
	1104	15.7	7.7		5.5
	1105	15.7	7.6		13.8
	1105	15.6	7.8		10.4
	1106	15.6	7.8		
	1129	16.3	7.8		
	1134	16.3	7.7		
	1159	15.8	8.3		
	1229	16.2	7.7		
	1259	16.0	8.3		
	1329	16.0	8.4		
	1359	16.0	8.2		
	1429	15.6	8.5		
	1459	16.2	7.9		
	1529	16.4	8.0		
	1559	16.8	7.9		
	1629	16.6	8.0		
	1659	16.4	8.0		
	1729	16.4	7.8		
	1759	16.9	7.5		
	1829	17.4	7.1		
	1859	16.9	7.2		
	1929	17.2	7.1		
	1959	16.9	7.1		
	2029	16.7	7.3		
	2059	16.7	7.2		
	2129	16.7	7.5		
	2159	16.7	7.6		
	2229	16.7	8.0		
	2259	16.5	8.1		
	2329	16.7	7.8		
	2359	16.7	7.9		

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
5/ 3/72	29	16.5	8.0		
	59	16.0	8.5		
	129	16.4	8.1		
	159	16.6	8.2		
	229	16.5	8.1		
	259	16.5	8.0		
	329	16.4	8.3		
	359	16.2	8.3		
	429	16.3	8.2		
	459	16.5	8.0		
	529	16.6	8.1		
	559	16.7	7.9		
	629	16.4	7.8		
	659	16.3	7.8		
	729	16.5	7.8		
	759	16.5	7.5		
	829	16.5	7.4		
	859	16.5	7.3		
	929	16.6	7.3		
	959	16.5	7.6		
	1029	16.4	8.0		
	1059	16.5	8.4		
	1129	16.4	9.0		
	1159	16.4	8.6		
	1229	16.5	8.6		
	1259	16.7	8.6		
	1329	16.8	8.4		
	1359	16.8	8.5		
	1429	16.8	8.5		
	1459	16.9	8.5		
	1529	16.9	8.6		
	1559	16.8	8.6		
	1629	16.8	8.6		
	1659	17.0	8.1		
	1729	17.3	7.4		
	1759	17.2	7.3		
	1829	17.2	7.4		
	1859	17.5	7.1		
	1929	17.1	7.2		
	1959	17.0	7.3		
	2029	16.9	7.6		
	2059	16.9	7.7		
	2129	16.9	7.8		
	2159	17.0	7.6		
	2229	16.9	7.5		
	2259	16.9	7.8		
	2329	16.8	8.1		
	2359	16.8	8.2		

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
5/ 4/73	29	16.9	7.8		
	59	16.9	8.0		
	129	16.9	8.1		
	159	16.8	8.2		
	229	16.7	8.1		
	259	16.7	8.1		
	329	16.6	8.0		
	359	16.6	8.2		
	429	16.5	8.3		
	459	16.6	8.2		
	529	16.7	8.0		
	559	16.7	7.8		
	628	16.6	7.9		
	658	16.6	7.9		
	728	16.5	7.8		
	758	16.7	7.6		
	828	16.7	7.4		
	858	16.6	7.3		
	928	16.4	7.5		
	958	16.4	7.4		
	1028	16.4	7.6		
	1058	16.4	7.6		
	1128	16.5	7.6		
	1158	16.7	7.6		
	1228	16.9	8.2		
	1258	16.7	8.5		
	1328	16.5	9.0		
	1358	16.5	9.1		
	1428	16.6	8.9		
	1458	16.7	8.6		
	1528	16.7	8.5		
	1558	16.6	8.8		
	1628	16.6	8.7		
	1658	16.8	8.3		
	1728	16.8	8.0		
	1758	16.9	7.6		
	1828	16.8	7.4		
	1858	16.7	7.8		
	1928	16.6	7.8		
	1958	16.5	7.8		
	2028	16.4	7.8		
	2058	16.3	7.7		
	2128	16.3	7.6		
	2158	16.2	7.6		
	2228	16.2	7.6		
	2258	16.2	7.6		
	2328	16.1	7.8		
	2358	16.0	8.0		

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
5/ 5/72	28	16.0	8.2		
	58	15.9	8.5		
	128	15.8	8.5		
	158	15.8	8.7		
	228	15.7	8.9		
	258	15.8	8.9		
	328	15.8	8.7		
	358	15.6	8.4		
	428	15.7	8.8		
	458	15.6	8.6		
	528	15.6	8.3		
	558	15.6	8.4		
	628	15.5	8.1		
	658	15.5	8.4		
	728	15.6	8.5		
	758	15.6	8.1		
	828	15.5	8.0		
	858	15.4	7.8		
	928	15.3	7.7		
	958	15.4	7.7		
	1028	15.4	7.6		
	1058	15.3	7.6		
	1128	15.3	7.7		
	1158	15.3	7.8		
	1228	15.4	7.8		
	1258	15.4	7.9		
	1328	15.5	8.1		
	1358	15.6	8.3		
	1428	15.6	8.5		
	1458	15.5	8.5		
	1528	15.6	8.6		
	1558	15.6	8.6		
	1628	15.6	8.5		
	1658	15.6	8.5		
	1728	15.6	8.4		
	1758	15.5	8.5		
	1828	15.5	8.5		
	1858	15.4	8.5		
	1928	15.4	8.4		
	1958	15.4	8.4		
	2028	15.4	8.5		
	2058	15.4	8.5		
	2128	15.3	8.6		
	2158	15.4	7.8		
	2228	15.6	7.0		
	2258	15.3	7.4		
	2328	15.3	7.7		
	2358	15.3	8.1		

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
6/72	28	15.2	8.4		
	58	15.3	8.7		
	128	15.2	9.0		
	158	15.0	9.0		
	228	15.1	9.1		
	258	15.1	9.0		
	328	15.0	8.9		
	358	15.0	8.9		
	428	14.9	8.8		
	458	14.9	8.8		
	528	14.9	8.8		
	558	14.9	8.6		
	628	14.9	8.7		
	658	14.9	8.6		
	728	14.9	8.5		
	758	14.8	8.0		
	828	14.8	8.3		
	858	14.8	8.2		
	928	14.9	8.2		
	958	14.9	8.2		
	1028	15.0	8.0		
	1058	15.0	7.8		
	1128	15.0	7.7		
	1158	15.2	7.6		
	1228	15.1	7.6		
	1258	15.2	7.8		
	1328	15.5	8.1		
	1358	15.6	8.3		
	1428	15.4	8.3		
	1458	15.6	8.6		
	1528	15.7	8.5		
	1558	16.0	8.8		
	1628	15.9	8.7		
	1658	15.9	8.7		
	1728	16.2	8.9		
	1758	15.9	8.8		
	1828	15.9	8.8		
	1858	15.8	8.7		
	1928	15.8	8.4		
	1958	15.8	8.3		
	2028	15.5	8.1		
	2058	15.4	8.1		
	2128	16.0	7.9		
	2158	15.7	8.1		
	2228	16.0	8.1		
	2258	15.9	8.0		
	2328	16.0	7.8		
	2358	15.8	8.0		

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
5/ 7/72	28	15.7	8.3		
	58	15.6	8.3		
	128	15.6	8.4		
	158	15.4	8.5		
	228	15.4	8.4		
	258	15.7	8.7		
	328	15.8	8.9		
	358	15.7	8.9		
	428	15.6	9.0		
	458	15.5	8.9		
	528	15.5	8.9		
	558	15.5	9.0		
	628	15.4	9.3		
	658	15.5	9.1		
	728	15.5	8.9		
	758	15.5	9.0		
	828	15.5	9.1		
	858	15.5	9.0		
	928	15.4	8.8		
	958	15.6	8.3		
	1028	15.3	8.5		
	1058	15.4	8.5		
	1128	15.4	8.6		
	1158	15.4	8.2		
	1228	15.4	8.3		
	1258	15.4	8.9		
	1328	15.4	8.7		
	1358	15.4	8.6		
	1428	15.4	8.6		
	1458	16.4	8.4		
	1528	16.7	8.4		
	1558	17.0	8.7		
	1628	16.7	8.9		
	1658	16.2	9.2		
	1728	16.5	9.1		
	1758	16.2	9.2		
	1828	16.0	9.2		
	1858	15.8	9.2		
	1928	15.7	9.3		
	1958	15.7	9.5		
	2028	15.8	9.4		
	2058	16.1	9.3		
	2128	16.3	9.3		
	2158	16.1	9.3		
	2228	16.1	9.2		
	2258	16.1	9.2		
	2328	16.1	9.2		
	2358	16.1	9.2		

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
8/78	28	16.2	9.1		
	58	16.3	9.0		
	128	16.1	9.1		
	158	16.0	9.3		
	228	16.0	9.2		
	258	15.8	9.5		
	328	16.0	9.5		
	358	15.9	9.7		
	428	15.9	9.7		
	458	16.0	9.7		
	528	16.0	9.8		
	558	16.0	9.8		
	628	16.0	9.8		
	658	15.9	9.8		
	728	15.9	9.8		
	758	15.9	9.8		
	828	16.0	9.6		
	858	16.0	9.5		
	928	16.0	9.6		
	958	15.9	9.6		
	1028	16.1	9.2		
	1058	16.1	9.2		
	1128	16.0	9.2		
	1158	16.3	9.0		
	1228	16.4	9.0		
	1258	16.4	9.0		
	1328	16.3	9.1		
	1358	16.4	9.1		
	1428	16.4	9.1		
	1458	16.4	9.1		
	1528	16.4	9.2		
	1558	16.4	9.3		
	1628	16.2	9.4		
	1658	16.1	9.6		
	1728	16.1	9.7		
	1758	16.2	9.8		
	1828	16.1	9.9		
	1858	16.2	10.0		
	1928	16.2	10.0		
	1958	16.2	10.0		
	2028	16.1	9.9		
	2058	16.2	10.0		
	2128	16.2	9.9		
	2158	16.2	9.8		
	2228	16.2	9.7		
	2258	16.1	9.6		
	2328	16.2	9.5		
	2358	16.2	9.5		

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
5/ 9/72	28	16.5	9.4		
	58	16.6	9.4		
	128	16.6	9.4		
	158	16.7	9.4		
	228	16.5	9.5		
	258	16.4	9.6		
	328	16.2	9.5		
	358	16.2	9.5		
	428	16.2	9.7		
	458	16.2	9.9		
	528	16.2	9.9		
	558	16.3	10.1		
	628	16.2	10.1		
	658	16.3	10.1		
	728	16.3	10.0		
	758	16.3	10.0		
	828	16.2	10.1		
	858	16.2	10.0		
	928	16.2	9.9		
	958	16.4	9.9		
	1028	16.4	9.8		
	1058	16.6	9.7		
	1128	16.5	9.3		
	1158	16.6	9.3		
	1228	16.7	9.4		
	1258	16.7	9.4		
	1328	16.7	9.3		
	1358	16.9	9.2		
	1428	16.9	9.2		
	1458	17.1	9.2		
	1528	17.5	9.3		
	1558	17.9	9.4		
	1628	17.9	9.4		
	1658	17.8	9.4		
	1728	17.6	9.5		
	1758	17.6	9.5		
	1828	17.6	9.6		
	1858	16.9	9.5		
	1927	16.9	9.5		
	1957	16.6	9.5		
	2027	16.7	9.6		
	2057	17.1	9.7		
	2127	17.1	9.6		
	2157	17.1	9.7		
	2227	16.9	9.7		
	2257	17.5	9.5		
	2327	17.5	9.5		
	2357	17.9	9.4		

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
01/73	27	17.2	9.2		
	57	17.5	9.0		
	127	17.5	8.9		
	157	17.5	8.9		
	227	17.7	8.7		
	257	17.4	8.9		
	327	17.3	8.7		
	357	17.3	8.9		
	427	17.4	9.1		
	457	17.5	9.0		
	527	17.5	9.1		
	557	17.4	9.1		
	627	17.4	9.2		
	657	17.4	9.4		
	727	17.3	9.4		
	757	17.3	9.5		
	827	17.2	9.4		
	857	17.3	9.4		
	927	17.3	9.4		
	957	17.5	9.3		
	1027	17.5	9.1		
	1057	17.5	9.2		
	1127	17.5	9.0		
	1157	17.5	9.2		
	1227	17.3	9.3		
	1257	17.3	9.1		
	1327	17.4	8.9		
	1357	17.6	8.9		
	1427	17.3	8.8		
	1457	17.2	8.7		
	1527	17.2	8.8		
	1557	17.4	8.7		
	1627	17.1	8.8		
	1657	17.4	8.9		
	1727	17.6	8.9		
	1757	17.4	9.1		
	1827	17.5	9.1		
	1857	17.9	9.1		
	1927	18.5	9.1		
	1957	18.6	9.2		
	2027	18.1	9.3		
	2057	17.9	9.3		
	2127	18.2	9.4		
	2157	18.3	9.4		
	2227	18.2	9.4		
	2257	18.0	9.4		
	2327	18.1	9.3		
	2357	18.3	9.2		

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
5/11/73	27	18.0	9.3		
	57	18.1	9.2		
	127	18.1	9.1		
	157	18.1	9.1		
	227	18.0	9.1		
	257	18.0	9.0		
	327	18.0	9.0		
	357	17.9	8.9		
	427	17.9	8.9		
	457	18.0	8.9		
	527	18.2	9.0		
	557	18.1	9.0		
	627	17.9	9.0		
	657	18.0	9.1		
	727	18.1	9.2		
	757	17.9	9.2		
	827	18.0	9.2		
	857	18.0	9.1		
	927	18.0	9.2		
	957	18.1	9.2		
	1027	18.2	9.2		
	1057	17.9	9.4		
	1127	18.3	9.3		
	1157	18.6	9.1		
	1227	18.6	9.2		
	1257	18.6	9.1		
	1327	18.6	9.2		
	1357	18.6	9.0		
	1427	18.6	8.9		
	1457	18.3	8.9		
	1527	18.7	8.8		
	1557	19.1	8.6		
	1627	19.0	8.6		
	1657	19.1	8.6		
	1727	19.0	8.6		
	1757	18.9	8.7		
	1827	18.8	8.9		
	1857	18.8	8.9		
	1927	18.6	9.3		
	1957	18.6	9.2		
	2027	18.6	9.2		
	2057	18.6	9.3		
	2127	18.6	9.3		
	2157	18.5	9.3		
	2227	18.5	9.4		
	2257	18.7	9.5		
	2327	18.7	9.6		
	2357	18.7	9.5		

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
5/12/73	27	18.6	9.3		
	58	18.6	8.3		
	127	18.6	9.1		
	157	18.8	8.9		
	227	18.5	8.9		
	257	18.6	8.8		
	327	18.8	8.7		
	357	18.9	8.7		
	427	19.0	8.6		
	457	17.7	7.0		
	527	19.0	8.5		
	557	18.9	8.7		
	627	19.2	8.6		
	657	18.8	8.8		
	727	18.8	8.9		
	757	18.7	9.0		
	827	18.2	9.6		
	857	18.6	9.0		
	927	18.6	9.0		
	957	18.8	8.9		
	1027	18.7	9.1		
	1057	18.6	9.1		
	1127	18.6	9.2		
	1157	18.6	9.3		
	1227	18.1	10.0		
	1257	18.3	9.7		
	1327	18.4	9.6		
	1357	18.6	9.6		
	1427	19.0	9.2		
	1457	19.7	8.9		
	1527	19.3	9.1		
	1557	19.7	8.9		
	1627	19.6	8.8		
	1657	19.9	8.7		
	1727	19.8	8.6		
	1757	19.7	8.7		
	1827	19.6	8.7		
	1857	19.6	8.7		
	1927	19.5	9.0		
	1957	19.5	9.1		
	2027	19.3	9.3		
	2057	19.2	9.3		
	2127	19.6	9.1		
	2157	19.5	9.2		
	2227	19.5	9.2		
	2257	19.4	9.3		
	2327	18.8	9.5		
	2357	18.9	9.5		

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.42.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
5/22/73	1113	17.6	9.2		
	1113	17.6	9.2		
	1142	17.8	9.6		
	1212	18.0	8.8		
	1242	17.9	8.9		
	1312	17.8	8.9		
	1342	17.9	9.1		
	1412	18.1	9.1		
	1442	18.3	9.2		
	1512	18.2	9.4		
	1542	18.3	9.5		
	1612	18.3	9.5		
	1642	18.0	9.7		
	1712	17.9	9.7		
	1742	18.9	9.1		
	1812	18.2	9.9		
	1842	18.2	9.9		
	1912	18.3	9.5		
	1942	18.3	9.9		
	2012	18.6	9.3		
	2042	18.3	9.5		
	2112	18.9	9.4		
	2142	18.3	9.6		
	2212	18.8	9.3		
	2242	19.2	9.2		
	2312	18.7	9.1		
	2342	18.4	9.1		

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
5/13/73	27	19.0	9.5		
	57	18.9	9.5		
	127	19.0	9.6		
	157	18.8	9.8		
	227	19.0	9.7		
	257	19.0	9.2		
	327	19.1	9.1		
	357	19.1	8.9		
	427	18.8	9.4		
	457	19.0	8.8		
	527	19.2	8.9		
	557	19.2	9.0		
	627	19.0	9.0		
	657	18.8	9.0		
	727	18.8	8.9		
	757	18.7	9.0		
	827	18.6	8.9		
	857	18.5	8.9		
	927	18.6	9.2		
	957	18.7	9.2		
	1027	18.6	9.2		
	1057	18.8	9.1		
	1127	18.7	9.1		
	1157	18.8	9.1		
	1227	18.8	9.3		
	1257	18.7	9.2		
	1327	18.5	9.2		
	1357	18.5	9.4		
	1427	18.9	8.9		
	1457	18.8	9.1		
	1527	19.0	9.2		
	1557	18.9	9.4		
	1627	18.6	9.6		
	1657	19.5	8.7		
	1727	19.2	8.9		
	1757	19.3	8.8		
	1827	19.4	8.7		
	1857	19.7	8.5		
	1927	19.6	8.5		
	1957	19.6	8.7		
	2027	19.6	9.0		
	2057	19.2	9.1		
	2127	19.0	9.3		
	2157	18.8	9.6		
	2227	18.8	9.6		
	2257	18.8	9.7		
	2327	19.0	9.6		
	2357	18.9	9.7		

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
5/25/72	12	18.2	9.2		
	42	18.1	9.3		
	112	18.2	9.2		
	142	18.6	9.7		
	212	18.5	9.9		
	242	18.2	9.9		
	312	18.1	9.9		
	342	18.1	9.7		
	412	18.4	9.7		
	442	18.3	9.7		
	512	18.2	9.7		
	542	18.0	9.9		
	612	17.9	10.1		
	642	18.2	9.8		
	712	18.5	9.6		
	742	18.7	9.4		
	812	18.2	10.0		
	842	18.4	9.6		
	912	18.5	9.6		
	942	18.5	9.7		
	1012	18.6	9.5		
	1042	18.6	9.4		
	1112	18.6	9.3		
	1142	18.6	9.2		
	1212	18.7	9.2		
	1242	18.7	9.3		
	1312	18.7	9.3		
	1342	18.7	9.3		
	1412	18.7	9.4		
	1442	18.6	9.4		
	1512	18.7	9.3		
	1542	18.6	9.5		
	1612	18.4	9.8		
	1642	18.6	9.5		
	1712	18.8	9.4		
	1742	18.8	9.5		
	1812	18.7	9.5		
	1842	18.7	9.6		
	1912	18.8	9.6		
	1942	18.8	9.6		
	2012	18.9	9.6		
	2042	19.2	9.4		
	2112	19.1	9.4		
	2142	19.0	9.4		
	2212	19.1	9.3		
	2242	19.0	9.3		
	2312	19.0	9.2		
	2342	19.0	9.2		

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
5/24/72	12	19.0	9.2		
	42	19.0	9.1		
	112	18.8	9.7		
	142	18.8	9.7		
	212	18.8	9.6		
	242	18.9	9.2		
	312	19.0	9.3		
	342	18.6	9.9		
	412	18.7	9.8		
	442	18.7	9.6		
	512	18.8	9.5		
	542	18.8	9.4		
	612	18.8	9.3		
	642	18.9	9.3		
	712	18.9	9.4		
	742	19.1	9.5		
	812	18.8	9.8		
	842	19.0	9.5		
	912	18.8	9.5		
	942	18.7	9.9		
	1012	18.7	9.1		
	1042	18.8	8.9		
	1112	18.8	8.8		
	1142	18.8	8.8		
	1212	18.8	8.7		
	1242	18.8	8.8		
	1312	18.8	9.1		
	1342	18.8	9.5		
	1412	18.8	8.9		
	1442	18.7	8.9		
	1512	18.8	8.9		
	1542	18.7	8.9		
	1612	18.6	9.3		
	1642	18.7	9.5		
	1712	18.7	9.5		
	1742	18.7	9.4		
	1812	18.8	9.3		
	1842	18.8	9.5		
	1912	18.8	9.5		
	1942	18.7	9.5		
	2012	18.7	10.3		
	2042	18.6	10.3		
	2112	18.4	10.6		
	2142	18.4	10.6		
	2212	18.5	10.6		
	2242	18.4	10.6		
	2312	18.4	10.7		
	2342	18.3	10.5		

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
5/25/72	12	18.3	10.4		
	42	18.3	10.2		
	112	18.3	10.2		
	142	18.3	10.0		
	212	18.4	10.0		
	242	18.3	10.1		
	312	18.4	10.2		
	342	18.5	10.2		
	412	18.3	9.9		
	442	18.3	9.9		
	512	18.4	10.3		
	542	18.4	10.5		
	612	18.4	10.1		
	642	18.3	10.2		
	712	18.3	9.8		
	742	18.3	9.8		
	812	18.3	9.9		
	842	18.3	10.6		
	912	18.3	10.6		
	942	18.3	10.2		
	1012	18.2	10.1		
	1042	18.2	10.2		
	1112	18.2	10.2		
	1142	18.1	10.0		
	1212	18.1	10.1		
	1242	18.1	10.0		
	1312	18.1	9.9		
	1342	18.1	9.9		
	1412	18.1	9.9		
	1442	18.1	9.8		
	1512	18.1	9.8		
	1542	18.1	9.8		
	1612	18.1	9.8		
	1642	18.1	9.8		
	1712	18.0	9.8		
	1742	18.0	9.8		
	1812	18.1	9.9		
	1842	18.0	9.8		
	1912	18.0	9.8		
	1942	18.0	9.8		
	2012	18.0	9.9		
	2042	18.0	9.9		
	2112	18.0	9.8		
	2142	18.0	9.8		
	2212	18.0	9.8		
	2242	17.9	9.7		
	2312	17.9	9.7		
	2342	17.9	9.7		

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
5/26/72	12	17.8	10.1		
	42	17.8	10.1		
	112	17.8	9.9		
	142	17.8	9.9		
	212	17.8	9.9		
	242	17.7	9.7		
	312	17.8	9.8		
	342	17.8	9.7		
	412	17.8	9.9		
	442	17.9	9.9		
	512	17.8	9.9		
	542	17.8	9.9		
	612	17.7	9.9		
	642	17.8	10.1		
	712	17.7	10.0		
	742	17.7	10.1		
	812	17.7	10.0		
	842	17.6	9.9		
	912	17.7	10.0		
	942	17.7	10.1		
	1012	17.7	10.0		
	1042	17.7	10.0		
	1112	17.7	9.9		
	1142	17.8	9.8		
	1212	17.6	9.9		
	1242	17.6	9.7		
	1312	17.6	9.6		
	1342	17.6	9.6		
	1412	17.8	9.7		
	1442	17.7	9.6		
	1512	17.7	9.8		
	1542	17.9	9.9		
	1612	18.0	9.9		
	1642	18.4	9.9		
	1712	19.4	9.9		
	1742	20.5	9.8		
	1812	20.6	9.7		
	1842	21.2	9.9		
	1912	21.5	10.0		
	1942	21.1	10.0		
	2012	21.2	9.9		
	2042	21.3	9.8		
	2112	21.3	9.9		
	2142	21.5	9.9		
	2212	21.6	10.0		
	2242	21.5	10.4		
	2312	21.6	10.0		
	2342	21.5	10.0		

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
5/27/72	12	21.9	10.5		
	42	22.2	10.6		
	112	22.1	10.4		
	142	21.9	10.2		
	212	21.8	10.1		
	242	21.9	10.0		
	312	21.9	10.1		
	342	21.7	10.1		
	412	21.7	10.1		
	442	21.5	9.7		
	512	21.8	9.7		
	542	21.8	9.8		
	612	21.9	10.0		
	642	21.9	9.9		
	712	22.0	9.9		
	742	22.0	10.0		
	812	22.1	10.1		
	842	22.1	10.1		
	912	22.1	10.1		
	942	22.1	10.1		
	1012	22.2	10.1		
	1042	22.2	10.1		
	1112	22.3	10.2		
	1142	22.5	10.1		
	1212	22.4	10.2		
	1242	22.5	10.1		
	1312	22.5	10.0		
	1342	22.6	10.0		
	1412	22.7	9.9		
	1442	22.8	9.9		
	1512	22.9	9.9		
	1542	22.8	9.9		
	1612	22.8	9.9		
	1642	23.3	9.8		
	1712	23.4	9.9		
	1742	23.5	9.9		
	1812	23.6	10.1		
	1842	23.6	9.9		
	1912	23.8	10.0		
	1942	23.8	10.1		
	2012	23.6	10.1		
	2042	21.8	10.1		
	2112	23.6	10.1		
	2142	23.7	10.1		
	2212	23.8	10.2		
	2242	23.8	10.2		
	2312	23.5	10.2		
	2342	23.5	10.2		

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUDY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
5/28/72	12	23.4	10.2		
	42	23.1	10.1		
	112	23.3	10.1		
	142	23.0	10.1		
	212	22.8	10.0		
	242	22.4	9.9		
	312	22.4	9.9		
	342	22.6	9.9		
	412	23.0	9.9		
	442	23.0	9.9		
	512	23.2	9.8		
	542	23.0	9.8		
	612	23.1	9.7		
	642	23.0	9.8		
	712	23.2	9.9		
	742	23.2	10.0		
	812	22.9	9.9		
	842	22.8	9.9		
	912	23.2	9.9		
	942	23.0	9.9		
	1012	23.1	9.9		
	1042	23.4	9.9		
	1112	23.0	9.9		
	1142	23.2	9.9		
	1212	23.6	9.9		
	1242	24.0	9.9		
	1312	24.0	9.8		
	1342	24.1	9.8		
	1412	23.8	9.7		
	1442	23.9	9.7		
	1512	23.9	9.7		
	1542	24.0	9.6		
	1612	23.7	9.5		
	1642	24.1	9.5		
	1712	24.5	9.6		
	1742	24.6	9.6		
	1812	24.7	9.7		
	1842	24.6	9.7		
	1912	24.3	9.9		
	1942	24.4	9.9		
	2012	24.2	9.9		
	2042	24.3	9.9		
	2112	24.5	10.0		
	2142	24.7	10.0		
	2212	24.5	9.9		
	2242	24.6	9.7		
	2312	24.7	9.8		
	2342	24.7	9.8		

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
6/ 3/73	1117	22.0	6.9		
	1146	32.3			
	1216	23.2			
	1246	22.6			
	1316	23.6			
	1346	24.2			
	1416	23.9			
	1446	24.0	9.7		
	1516	24.8	10.1		
	1546	24.6	10.1		
	1616	25.7	9.9		
	1646	24.6	10.1		
	1716	24.6	10.2		
	1746	25.3	9.9		
	1816	24.7	9.7		
	1846	25.6	9.8		
	1916	25.4	9.9		
	1946	25.7	9.7		
	2016	25.7	9.5		
	2046	26.0	9.3		
	2116	26.0	9.3		
	2146	26.1	9.3		
	2216	25.9	9.4		
	2246	25.8	9.5		
	2316	25.8	9.5		
	2346	25.1	9.5		

LATTITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
6/ 4/72	16	24.8	9.5	0.0	1.7
	46	25.4	9.8	0.0	1.8
	116	24.8	9.9	0.0	1.9
	146	24.8	9.7	0.0	2.0
	216	24.6	9.7	0.0	2.1
	246	24.7	9.8	0.0	2.3
	316	25.2	9.7	0.0	2.1
	346	24.8	10.0	0.0	1.9
	416	24.3	10.0	0.0	1.6
	446	24.9	9.9	0.0	1.7
	516	25.5	9.8	0.0	1.8
	546	24.8	9.8	0.0	1.8
	616	24.4	9.7	0.0	2.0
	646	24.6	9.7	0.0	2.1
	716	24.2	9.6	0.0	2.1
	746	24.3	9.6	0.0	1.9
	816	24.8	9.6	0.0	1.4
	846	25.0	9.4	0.0	2.7
	916	25.1	9.4	0.0	2.0
	946	24.7	9.2	0.0	1.7
	1016	24.8	9.2	0.0	1.5
	1046	24.8	9.1	0.0	1.3
	1116	24.5	9.1	0.0	1.3
	1146	24.9	9.1	0.0	2.8
	1216	25.3	9.6	0.0	2.6
	1246	24.9	9.5	0.0	2.5
	1316	24.9	9.7	0.0	2.4
	1346	25.0	9.9	0.0	2.0
	1416	24.6	9.7	0.0	1.6
	1446	24.0	9.5	0.0	1.0
	1516	23.8	9.5	0.0	0.6
	1546	24.9	9.3	0.0	0.0
	1616	24.5	9.5	0.0	0.0
	1646	24.8	9.6	0.0	0.0
	1716	24.3	9.8	0.0	0.0
	1746	28.1	9.6	0.0	0.0
	1816	27.3	9.8	0.0	0.0
	1846	27.4	9.5	0.0	0.0
	1916	27.4	10.0	0.0	0.0
	1946	27.9	9.9	0.0	0.0
	2016	27.2	9.4	0.0	0.0
	2046	28.4	9.6	0.0	0.0
	2116	28.1	9.3	0.0	0.0
	2146	27.9	9.0	0.0	0.0
	2216	28.2	8.9	0.0	0.0
	2246	27.6	9.0	0.0	0.0
	2316	27.8	8.9	0.0	0.0
	2346	27.4	8.8	0.0	0.0

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
7/ 9/73	1403	27.4	9.9	25.6	12.9
	1533	27.2	9.9	25.5	13.2
	1603	27.2	9.8	25.7	12.9
	1633	27.2	9.8	25.9	12.5
	1703	27.2	9.9	26.0	12.5
	1733	27.3	9.9	25.8	12.4
	1803	27.5	10.0	26.2	12.3
	1833	27.4	10.1	25.9	12.6
	1903	27.2	10.2	26.0	12.5
	1933	27.3	10.2	26.0	12.6
	2003	27.4	10.2	25.9	12.5
	2033	27.6	10.2	26.0	12.6
	2103	27.8	10.2	25.9	12.4
	2133	28.5	10.2	25.8	12.8
	2203	28.5	10.2	25.7	12.9
	2233	27.7	10.3	25.9	12.4
	2303	27.4	10.5	25.6	12.8
	2333	27.3	10.7	25.6	13.1

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
7/10/73	3	27.7	10.4	25.5	13.1
	33	27.4	10.5	25.6	13.0
	103	27.7	10.3	25.5	13.0
	133	27.9	10.1	25.8	12.7
	203	28.3	10.2	25.7	12.8
	233	28.2	9.9	25.8	12.7
	303	28.0	9.9	25.8	12.4
	333	28.0	9.9	25.9	12.3
	403	27.7	9.8	25.6	13.0
	433	27.9	9.8	25.7	12.9
	503	27.9	9.6	25.8	12.7
	533	28.0	9.6	25.8	12.7
	603	27.9	9.7	25.8	12.6
	633	27.7	9.9	25.9	12.4
	703	27.7	9.8	25.8	12.5
	733	27.6	9.9	25.9	12.4
	803	27.6	10.0	26.1	12.5
	833	27.5	10.3	26.2	12.0
	903	28.3	10.3	25.9	12.2
	933	28.1	10.1	26.0	12.3
	1003	28.0	10.2	25.9	12.3
	1033	28.0	10.0	25.9	12.2
	1103	28.1	10.2	26.0	12.4
	1133	27.5	10.3	25.9	12.4
	1203	27.5	10.2	26.0	12.5
	1233	27.5	10.2	26.0	12.5
	1303	27.5	10.2	25.9	12.3
	1333	27.7	10.1	26.0	12.4
	1403	27.8	10.0	25.8	12.9
	1433	28.0	9.9	25.7	13.1
	1503	27.8	10.0	25.6	12.9
	1533	28.0	9.9	25.5	13.0
	1603	28.1	10.0	25.6	12.8
	1633	28.2	10.0	25.6	12.9
	1703	27.7	10.1	25.7	12.7
	1733	27.6	10.1	25.9	12.6
	1803	27.7	10.1	25.8	12.6
	1833	27.7	10.2	26.0	12.1
	1903	27.6	10.3	25.8	12.7
	1933	27.8	10.2	25.9	12.4
	2003	28.4	10.1	26.0	12.4
	2033	28.2	10.2	26.0	12.2
	2103	28.7	10.0	25.8	12.4
	2133	28.7	10.0	25.9	12.3
	2203	28.4	10.2	25.9	12.4
	2233	28.5	10.2	25.8	12.6
	2303	28.4	10.2	25.8	12.4
	2333	28.1	10.3	26.0	12.5

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
7/11/73	3	27.8	10.6	25.5	12.7
	33	27.7	10.4	25.4	12.9
	103	27.8	10.2	25.5	12.7
	133	28.0	10.3	25.4	12.9
	203	28.0	10.3	25.3	13.1
	233	28.0	10.2	25.3	13.0
	303	27.8	10.1	25.3	13.1
	333	27.8	10.0	25.3	13.1
	403	27.8	10.0	25.3	13.1
	433	27.8	9.9	25.4	13.3
	503	27.7	10.1	25.5	13.3
	533	27.7	10.1	25.4	12.8
	603	27.7	10.1	25.4	13.0
	633	27.8	10.0	25.3	12.8
	703	27.8	9.9	25.6	12.8
	733	27.6	10.0	25.6	12.3
	803	27.7	9.9	25.6	12.7
	833	27.7	9.9	25.6	12.8
	903	27.6	9.8	25.6	12.9
	933	27.5	9.9	25.7	12.6
	1003	27.5	9.9	25.6	13.0
	1033	27.5	9.9	25.7	13.0
	1103	27.5	10.0	25.7	12.7
	1133	27.5	9.9	25.5	12.9
	1203	27.4	10.1	25.6	13.1
	1233	27.4	10.1	25.6	12.7
	1303	27.5	10.0	25.5	13.3
	1333	27.7	10.1	25.4	13.0
	1403	27.7	10.0	25.4	12.6
	1433	27.8	9.9	25.5	12.9
	1503	27.8	9.7	25.5	12.9
	1533	27.8	9.6	25.5	12.7
	1603	27.9	9.6	25.6	13.0
	1633	27.9	9.6	25.6	13.0
	1703	27.8	9.5	25.5	12.8
	1733	27.8	9.6	25.4	12.9
	1803	27.7	9.4	25.4	13.1
	1833	27.6	9.9	25.5	12.8
	1903	27.4	10.2	25.7	12.6
	1933	27.5	10.0	25.8	12.7
	2003	27.5	10.1	25.8	12.5
	2033	27.6	9.9	25.8	12.5
	2103	27.6	9.7	25.8	12.5
	2133	27.6	9.7	25.8	12.5
	2203	27.5	9.7	25.8	12.8

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
7/12/73	3	27.4	9.9	25.6	12.9
	33	27.3	10.2	25.5	13.0
	103	26.6	11.7	25.6	12.9
	133	27.3	10.2	25.5	13.1
	203	27.2	10.1	25.6	13.2
	233	27.1	10.0	25.7	13.4
	303	27.0	10.0	26.1	12.3
	333	27.0	10.0	26.2	12.4
	403	26.9	9.8	26.1	12.2
	433	26.8	9.8	26.2	12.6
	503	26.8	9.7	26.0	12.3
	533	26.8	10.0	24.5	1.2
	603	26.7	10.0	25.8	12.6
	633	26.6	10.0	26.0	13.1
	703	26.6	10.0	25.9	12.7
	733	26.5	10.0	25.8	12.5
	803	26.5	10.0	25.8	12.9
	833	26.6	10.0	25.7	12.4
	903	26.5	10.0	25.8	12.6
	933	26.5	10.0	25.9	13.1
	1002	26.4	10.0	26.0	12.4
	1032	26.4	10.1	25.8	12.7
	1102	26.4	10.1	25.9	12.7
	1132	26.5	10.0	25.7	12.7
	1202	26.6	10.0	25.9	12.5
	1232	26.6	10.0	26.0	12.7
	1302	26.6	10.1	25.9	12.5
	1332	26.7	10.2	25.8	13.2
	1402	26.7	10.2	25.7	12.5
	1432	26.8	10.5	25.6	13.0
	1502	26.8	10.7	25.8	12.3
	1532	26.7	10.5	26.0	12.4
	1602	26.7	10.4	25.8	12.5
	1632	26.7	10.5	25.8	12.5
	1702	26.6	10.5	25.8	12.8
	1732	26.6	10.4	25.8	13.0
	1802	26.6	10.4	25.8	13.3
	1832	26.6	10.2	25.9	12.8
	1902	26.6	10.2	25.8	12.7
	1932	26.6	10.0	26.0	12.5
	2002	26.6	10.2	26.0	12.6
	2032	26.5	10.1	26.2	11.6
	2102	26.4	10.2	26.0	12.3
	2132	26.5	10.4	26.0	12.4
	2202	26.4	10.4	26.2	11.5
	2232	26.3	10.4	25.9	12.5
	2302	26.3	10.4	25.9	12.8
	2332	26.3	10.5	25.8	12.9

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
7/13/73	2	26.3	10.5	25.7	12.8
	32	26.2	10.5	25.8	12.8
	102	26.2	10.5	25.7	12.9
	132	26.3	10.6	25.9	13.2
	202	26.4	10.6	25.9	12.9
	232	26.1	10.5	26.0	12.6
	302	26.4	11.2	26.0	13.1
	332	26.6	11.0	25.9	13.2
	402	26.5	11.0	26.0	12.8
	432	26.2	10.6	26.0	12.9
	502	26.3	10.7	26.1	13.1
	532	26.4	10.7	25.8	12.6
	602	26.4	10.6	26.0	12.8
	632	26.2	10.5	26.0	12.9
	702	25.8	10.5	25.8	13.2
	732	25.8	10.6	26.0	12.8
	802	26.0	10.2	25.9	13.0
	832	26.0	10.4	26.1	12.7
	902	26.1	10.5	25.9	12.7
	932	25.9	10.3	25.9	12.6
	1002	26.1	10.8	25.9	12.6
	1032	26.1	10.8	25.9	12.5
	1102	26.2	11.0	26.0	12.8
	1132	26.3	11.2	26.0	13.3
	1202	26.3	11.0	25.8	12.5
	1232	26.4	10.8	26.0	13.2
	1302	26.4	10.6	26.0	12.6
	1332	26.3	10.9	26.1	12.9
	1402	26.2	11.0	25.9	12.5
	1432	26.2	11.4	25.9	13.3
	1502	26.4	10.7	26.1	13.1
	1532	26.5	10.7	26.1	12.3
	1602	26.5	10.6	26.0	12.7
	1632	26.6	10.5	26.2	12.9
	1702	26.5	10.5	26.0	12.3
	1732	26.6	10.6	26.0	12.4
	1802	26.7	10.6	25.8	12.8
	1832	26.8	10.6	26.0	12.7
	1902	26.7	10.5	26.0	12.9
	1932	26.6	10.5	26.0	12.6
	2002	26.7	10.6	26.0	11.9
	2032	26.9	10.6	26.0	12.3
	2102	26.8	10.7	26.2	11.7
	2132	26.4	10.5	26.0	11.2
	2202	26.5	10.6	26.0	11.2
	2232	26.2	10.4	26.1	11.0
	2302	26.4	10.5	26.1	11.2
	2332	26.5	10.7	26.0	11.7

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
7/14/73	2	26.5	10.8	26.0	12.5
	32	26.4	11.0	25.9	12.2
	102	26.4	10.9	25.8	12.9
	132	26.4	10.9	26.0	12.4
	202	26.3	10.2	26.0	11.8
	232	26.3	10.8	26.0	11.5
	302	26.3	10.9	25.8	13.0
	332	26.3	10.8	26.0	12.4
	402	26.1	10.5	26.0	12.1
	432	26.2	10.5	26.2	12.0
	502	26.1	10.4	25.9	11.9
	532	26.2	10.5	25.8	12.1
	602	26.1	10.7	25.8	12.0
	632	26.1	10.7	26.0	11.5
	702	26.1	10.7	26.1	10.8
	732	26.1	10.7	26.0	10.5
	802	26.0	10.3	25.9	10.5
	832	26.0	10.3	25.9	10.5
	902	26.0	10.3	26.0	11.0
	932	26.0	10.3	25.8	10.4
	1002	26.0	10.3	25.9	11.0
	1032	26.1	10.4	26.0	10.6
	1102	26.2	10.5	26.0	10.7
	1132	26.1	10.5	25.9	10.7
	1202	26.4	10.8	26.1	10.8
	1232	26.4	10.9	25.8	10.7
	1302	26.7	11.0	26.0	10.9
	1332	26.6	10.9	26.0	11.3
	1402	26.6	10.9	25.9	11.6
	1432	26.6	10.9	26.0	11.1
	1502	26.5	10.7	26.0	10.8
	1532	26.2	10.8	25.9	12.0
	1602	26.3	10.8	26.0	12.7
	1632	26.5	10.7	26.2	12.5
	1702	26.6	10.6	25.9	12.1
	1732	26.8	10.5	26.0	11.3
	1802	27.0	10.4	25.8	12.3
	1832	26.8	10.3	26.0	12.5
	1902	27.0	10.1	26.0	12.3
	1932	27.0	10.1	25.9	12.1
	2002	26.8	10.2	25.8	12.0
	2032	26.8	10.2	26.0	11.7
	2102	26.9	10.3	26.2	11.6
	2132	27.0	10.5	26.0	11.2
	2202	26.9	10.4	26.4	10.9
	2232	26.8	10.4	26.2	11.2
	2302	26.6	10.6	26.2	11.1
	2332	26.7	11.0	26.7	11.4

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
7/15/73	2	26.7	11.1	26.6	10.9
	32	26.7	11.0	26.5	11.4
	102	26.7	10.9	26.3	11.6
	132	26.6	10.9	25.8	12.4
	202	26.6	11.0	26.0	12.2
	232	26.6	11.0	25.9	11.9
	302	26.5	11.0	25.9	11.5
	332	26.6	11.0	26.1	12.0
	402	26.5	10.9	25.8	12.7
	432	26.4	10.9	26.0	11.8
	502	26.8	10.6	26.2	11.8
	532	26.8	10.5	26.2	12.0
	602	26.8	10.4	26.0	12.0
	632	26.6	10.5	26.2	11.5
	702	26.6	10.5	26.1	11.4
	732	26.5	10.5	25.8	12.3
	802	26.6	10.5	26.0	12.4
	832	26.6	10.5	26.2	11.9
	902	26.6	10.5	26.3	11.1
	932	26.6	10.5	26.1	10.9
	1002	26.6	10.5	26.3	10.8
	1032	26.6	10.6	26.3	10.7
	1102	26.5	10.6	26.1	11.0
	1132	26.6	10.6	26.1	11.1
	1202	26.6	10.6	26.1	11.0
	1232	26.6	10.8	26.1	11.3
	1302	26.6	10.8	26.1	11.2
	1332	26.5	10.9	26.1	11.1
	1402	26.6	10.9	26.2	11.1
	1432	26.6	10.9	25.9	11.8
	1502	26.6	10.9	26.0	12.0
	1532	26.6	10.7	26.0	11.9
	1602	26.8	10.6	26.0	11.6
	1632	26.5	10.9	25.9	12.4
	1702	26.9	10.6	26.0	12.0
	1732	27.1	10.5	26.0	11.7
	1802	27.1	10.5	26.1	11.6
	1832	27.0	10.6	26.2	11.2
	1902	26.9	10.4	26.1	12.4
	1932	26.9	10.4	25.9	12.6
	2002	27.0	10.4	26.2	11.9
	2032	27.0	10.4	26.0	12.1
	2102	26.9	10.5	25.9	12.3
	2132	27.0	10.4	26.0	12.0
	2202	26.9	10.5	26.0	11.9
	2232	26.9	10.5	26.0	11.8
	2302	26.9	10.5	26.0	11.8
	2332	26.8	10.4	26.1	11.4

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
7/16/73	2	26.8	10.6	26.0	11.7
	32	26.8	10.6	26.0	11.9
	102	26.8	10.6	26.0	11.9
	132	26.6	10.8	26.0	12.0
	202	26.6	10.9	26.0	12.2
	232	26.6	11.0	26.0	11.9
	302	26.6	11.0	26.0	12.0
	332	26.6	10.8	26.0	12.1
	402	26.6	10.7	26.0	12.3
	432	26.5	10.8	25.9	12.2
	502	26.6	10.7	26.0	12.1
	532	26.6	10.6	26.0	11.8
	602	26.6	10.5	26.0	12.3
	632	26.6	10.4	26.0	12.6
	702	26.6	10.4	25.9	12.8
	732	26.6	10.5	26.0	12.5
	802	26.5	10.4	26.0	12.5
	832	26.6	10.4	26.0	12.7
	902	26.6	10.4	25.9	12.7
	932	26.6	10.4	26.0	12.5
	1002	26.6	10.4	26.0	12.4
	1032	26.6	10.4	26.0	12.3
	1102	26.6	10.5	26.0	12.1
	1132	26.6	10.5	25.9	12.3
	1202	26.5	10.5	26.0	12.4
	1232	26.6	10.6	26.0	12.5
	1302	26.6	10.7	26.0	12.6
	1332	26.6	10.6	26.0	12.5
	1402	26.6	10.7	26.1	13.2
	1432	26.8	10.6	26.1	13.1
	1502	26.8	10.6	26.0	13.3
	1532	26.8	10.6	26.1	13.3
	1602	26.8	10.6	26.1	12.8
	1632	26.9	10.7	26.1	12.8
	1702	26.8	10.6	26.0	12.5
	1732	26.6	10.6	26.1	12.4
	1802	26.7	10.6	26.0	12.2
	1832	27.0	10.5	26.2	12.7
	1902	26.9	10.6	26.2	13.0
	1932	26.9	10.4	26.1	12.5
	2002	26.8	10.4	26.2	13.1
	2032	26.9	10.4	26.1	12.6
	2102	27.0	10.4	26.1	12.9
	2132	26.8	10.4	26.1	12.6
	2202	26.8	10.4	26.2	13.0
	2232	26.8	10.5	26.0	12.4
	2302	26.7	10.5	26.1	12.3
	2332	26.7	10.6	26.1	12.9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
7/17/73	2	26.7	10.7	26.1	12.2
	32	26.7	10.7	26.1	12.3
	102	26.8	10.7	26.1	12.7
	132	26.8	10.8	26.0	12.4
	202	26.8	10.9	26.2	13.0
	232	26.8	10.9	26.1	13.3
	302	26.8	10.9	26.2	13.4
	332	26.7	10.9	26.2	12.7
	402	26.6	10.9	26.1	13.0
	432	26.6	11.8	26.0	12.9
	502	26.6	10.9	26.2	12.8
	532	26.7	11.2	26.2	12.8
	602	26.5	10.8	26.2	13.2
	632	26.7	11.4	26.2	13.1
	702	26.4	11.0	26.2	12.1
	732	26.3	10.9	26.2	13.0
	802	26.3	10.8	26.2	13.1
	832	26.2	10.7	26.2	13.1
	902	26.2	10.7	26.4	13.2
	932	26.4	10.7	26.1	12.9
	1002	26.4	10.8	26.1	12.9
	1032	26.4	10.7	26.1	12.9
	1102	26.4	10.7	26.1	12.9
	1132	26.3	10.7	26.2	12.9
	1202	26.4	10.8	26.1	12.9
	1232	26.4	10.8	26.2	12.8
	1302	26.3	10.7	26.3	12.6
	1332	26.3	10.8	26.3	12.6
	1402	26.6	10.9	26.2	12.7
	1432	26.4	10.9	26.1	12.8
	1502	26.5	11.0	26.3	12.6
	1532	26.4	10.9	26.2	12.8
	1602	26.6	10.9	26.2	12.7
	1632	26.9	10.9	26.1	12.6
	1702	26.6	11.0	26.2	12.6
	1732	26.5	11.0	26.3	12.2
	1802	26.6	11.0	26.1	12.7
	1832	26.4	11.4	26.2	12.5
	1902	26.5	11.3	26.2	12.3
	1932	26.6	11.0	26.2	12.2
	2002	26.6	11.1	26.1	12.6
	2032	26.5	11.1	26.2	12.8
	2102	26.6	10.9	26.1	12.4
	2132	26.6	10.7	26.2	12.6
	2202	26.6	10.7	26.2	12.8
	2232	26.4	10.7	26.2	12.7
	2302	26.6	10.6	26.2	13.0
	2332	26.5	10.6	26.3	12.6

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
7/18/73	2	26.5	10.8	26.2	12.6
	32	26.6	10.8	26.2	12.7
	102	26.6	10.9	26.1	12.5
	132	26.4	10.9	26.2	12.7
	202	26.4	11.0	26.1	12.6
	232	26.4	11.0	26.1	12.8
	302	26.3	11.0	26.2	12.5
	332	26.3	11.0	26.2	12.5
	402	26.3	11.0	26.2	13.1
	432	26.3	11.0	26.2	13.2
	502	26.3	11.1	26.2	12.7
	532	26.4	11.1	26.2	12.5
	602	26.2	10.9	26.4	12.4
	632	26.3	10.9	26.1	12.3
	702	26.3	10.8	26.3	12.2
	732	26.5	11.0	26.2	12.2
	802	24.6	11.1	24.4	13.2
	832	22.4	11.6	22.2	14.1
	902	20.9	11.8	20.7	14.6
	932	0.0	0.0	0.0	0.0
	1002	0.0	0.0	0.0	0.0

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LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
7/19/73	1325	26.6	10.9	26.1	11.3
	1354	26.8	10.9	26.4	11.3
	1424	26.6	11.0	26.6	11.4
	1454	26.6	11.1	26.7	11.5
	1524	26.6	11.2	26.5	12.1
	1554	26.7	11.1	26.5	11.9
	1624	26.8	11.1	26.8	12.1
	1654	26.8	11.1	26.8	12.2
	1724	26.7	11.2	26.8	12.2
	1754	26.9	11.1	26.8	11.9
	1824	26.8	11.2	26.6	12.1

Rappahannock River Bridge
1974

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
4/12/74	1012	12.0	11.5	11.1	11.8
	1101	12.0	11.5	11.1	11.8
	1131	12.2	11.1	11.1	11.8
	1201	11.7	11.7	10.9	12.1
	1231	12.5	10.8	10.8	12.4
	1301	12.4	11.6	11.0	12.3
	1331	12.5	10.7	11.4	12.3
	1401	11.6	11.7	11.1	12.5
	1431	11.4	11.5	10.9	12.4
	1501	12.2	10.8	10.9	12.5
	1531	11.6	12.2	11.3	12.4
	1601	12.7	11.2	11.3	12.5
	1631	12.2	11.5	11.4	12.5
	1701	12.3	11.5	11.2	12.5
	1731	13.2	11.0	10.7	12.9
	1801	13.2	11.2	11.7	12.2
	1831	12.9	11.2	11.2	12.4
	1901	12.8	10.8	11.6	12.2
	1931	12.7	11.4	11.8	11.7
	2001	12.3	11.4	11.8	11.6
	2031	12.7	9.0	11.8	11.6
	2101	12.8	10.8	11.8	11.6
	2131	12.8	11.0	11.9	11.5
	2201	13.1	11.2	12.0	11.4
	2231	12.3	11.0	12.0	11.4
	2301	10.7	11.7	12.1	11.4
	2331	12.8	11.4	12.1	11.4

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
4/13/74	1	12.8	11.3	12.1	11.5
	31	12.8	11.0	11.7	11.5
	101	12.9	11.3	11.3	12.2
	131	13.0	10.5	11.6	12.4
	201	12.7	10.6	11.7	12.2
	231	12.4	11.0	12.0	11.8
	301	12.8	10.8	11.8	11.8
	331	12.7	11.3	11.6	12.0
	401	12.8	11.0	11.6	12.0
	431	12.6	10.9	11.6	12.2
	501	12.8	10.4	11.3	12.6
	531	15.0	10.6	10.7	13.1
	601	17.1	9.6	11.1	12.5
	631	12.3	11.6	11.5	12.5
	701	12.6	10.8	11.6	12.3
	731	12.1	11.6	11.7	12.1
	801	12.8	11.4	11.9	11.7
	831	12.7	11.1	11.9	11.6
	901	12.9	10.3	11.9	11.6
	931	12.8	10.6	11.8	11.6
	1001	12.5	10.9	11.9	11.5
	1031	12.8	10.4	12.0	11.4
	1101	12.5	10.9	11.9	11.4
	1131	12.6	10.7	11.9	11.5
	1201	12.1	11.2	11.9	11.5
	1231	13.2	10.3	11.9	11.6
	1301	12.4	11.4	11.8	11.8
	1331	12.4	11.0	11.2	12.4
	1401	12.1	11.0	11.3	12.5
	1431	11.9	12.0	10.9	12.8
	1501	11.8	11.4	11.1	12.6
	1531	10.5	13.4	11.3	12.5
	1601	12.2	11.5	11.5	12.4
	1631	19.1	9.9	11.6	12.3
	1701	12.5	10.4	11.9	12.1
	1731	12.9	11.1	11.4	12.4
	1801	13.7	10.3	11.9	12.1
	1831	13.8	11.4	12.0	11.9
	1901	13.6	11.3	12.4	12.2
	1931	12.9	11.4	12.4	12.0
	2001	12.4	11.4	12.4	11.8
	2031	13.2	11.2	12.5	11.8
	2101	12.3	11.1	12.5	11.7
	2131	13.4	11.2	12.8	11.6
	2201	12.4	11.1	12.6	11.4
	2231	13.4	10.6	12.7	11.4
	2301	13.2	11.5	12.7	11.5
	2331	13.2	10.7	12.6	11.4

LOCATION 1 RAPPAHANNUCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
4/14/74	1	12.9	11.0	12.6	11.4
	31	13.2	10.6	12.8	11.5
	101	12.6	10.7	12.8	11.4
	131	13.1	10.8	12.8	11.6
	201	12.7	11.3	11.7	12.4
	231	13.3	10.7	11.1	12.6
	301	12.0	11.3	11.5	12.5
	331	13.7	11.2	11.1	12.7
	401	13.4	13.0	11.3	12.7
	431	13.2	10.8	11.1	12.7
	501	12.4	11.0	10.7	13.0
	531	12.6	10.8	11.0	12.7
	601	13.0	10.7	10.9	12.8
	631	13.6	10.9	10.7	13.0
	701	12.7	10.1	11.2	12.8
	731	13.0	10.4	11.3	12.7
	801	13.2	11.1	11.8	12.3
	831	13.1	14.1	12.7	12.0
	901	13.2	11.4	12.3	12.0
	931	13.4	10.7	12.8	12.0
	1001	18.1	9.1	12.6	11.7
	1031	13.7	11.3	12.5	11.4
	1101	13.4	10.5	12.4	11.4
	1131	14.1	10.9	12.2	11.6
	1201	13.1	10.9	12.3	11.5
	1231	14.0	10.9	12.2	11.5
	1301	13.8	10.7	12.3	11.6
	1331	13.6	10.2	12.5	11.4
	1401	13.4	10.7	11.8	12.2
	1431	13.7	11.3	11.2	12.7
	1501	13.1	11.2	11.1	12.6
	1531	13.6	11.1	11.6	12.7
	1601	13.4	11.5	11.4	12.6
	1631	12.6	11.3	11.3	12.7
	1701	13.4	11.5	11.1	12.8
	1731	13.2	11.0	10.8	13.0
	1801	13.4	11.2	10.7	13.0
	1831	12.6	11.8	10.6	13.1
	1901	13.6	11.1	11.0	12.8
	1931	13.8	11.2	11.1	12.8
	2001	14.3	11.3	11.2	12.7
	2031	14.2	11.7	13.2	12.0
	2101	14.2	11.4	11.9	12.3
	2131	14.6	11.0	11.6	12.5
	2201	14.3	11.3	11.7	12.2
	2231	13.6	11.2	12.3	12.2
	2301	14.6	11.0	11.9	12.2
	2331	14.1	11.5	12.6	11.8

LOCATION 1 RAPPAHANNOCK RIVER MORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
4/15/74	1	14.8	10.5	12.0	12.2
	31	13.9	11.0	13.4	11.7
	101	14.4	10.9	13.9	11.5
	131	14.0	10.6	14.1	11.6
	201	14.0	10.8	14.2	11.5
	231	14.3	11.5	13.7	11.7
	301	14.6	11.1	13.1	11.8
	331	13.6	10.6	13.4	11.7
	401	16.0	10.6	13.5	11.8
	431	13.8	10.9	13.7	11.7
	501	13.4	10.6	13.8	11.8
	531	13.9	11.2	13.6	11.8
	601	13.6	10.6	12.2	12.4
	631	13.6	10.3	13.2	12.0
	701	14.2	11.2	12.8	12.2
	731	14.0	11.0	14.0	11.6
	801	14.2	10.4	14.0	11.5
	831	13.1	11.1	13.9	11.5
	901	12.5	10.5	13.9	11.5
	931	13.5	10.7	13.9	11.5
	1001	13.9	10.9	14.0	11.6
	1031	13.8	10.9	14.0	11.5
	1101	13.6	11.1	13.9	11.5
	1131	14.0	10.6	13.6	11.6
	1201	14.3	10.4	13.2	11.7
	1231	14.0	11.2	13.2	11.7
	1301	14.7	10.8	13.6	11.6
	1331	14.1	10.1	13.4	11.5
	1401	13.0	11.6	13.5	11.6
	1431	13.9	10.8	13.5	11.6
	1501	14.0	11.2	13.6	11.6
	1531	13.5	10.5	13.7	11.6
	1601	13.1	11.0	14.0	11.5
	1631	13.6	10.8	14.0	11.6
	1701	13.9	11.1	14.0	11.5
	1731	14.3	10.6	14.0	11.4
	1801	14.3	10.9	13.9	11.4
	1831	13.8	10.9	13.9	11.5
	1901	13.6	10.7	13.9	11.4
	1931	13.5	11.0	13.9	11.4
	2001	13.6	10.4	13.9	11.5
	2031	13.0	10.8	13.9	11.4
	2101	14.1	10.6	13.9	11.4
	2131	13.8	11.1	13.9	11.4
	2201	14.0	10.2	14.0	11.3
	2231	12.8	11.5	13.9	11.3
	2301	14.1	10.6	14.0	11.2
	2331	14.6	10.5	14.1	11.1

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
4/16/74	1			14.0	11.0
	31			14.0	10.8
	101			13.9	11.1
	131			13.8	11.0
	201			13.9	11.1
	231			13.7	11.6
	301			13.4	11.7
	331			13.4	11.7
	401			13.3	11.7
	431			13.8	11.3
	501			13.4	11.5
	531			13.7	11.6
	601			13.2	11.7
	631			13.0	11.9
	701			13.3	11.7
	731			13.6	11.0
	801			13.6	10.9
	831			13.6	10.9
	901			13.7	10.9
	931			13.8	10.7
	1001			13.9	10.5
	1031			13.8	10.5
	1101			13.8	10.4
	1131			13.9	10.4
	1201			13.9	10.3
	1231			13.9	10.1
	1301			13.6	10.2
	1331			13.7	10.3
	1401			13.5	10.6
	1431			13.7	10.2
	1501			13.6	10.4
	1531			13.7	10.2
	1601			13.6	10.7
	1631			13.2	11.2
	1701			13.7	10.7
	1731			13.7	10.7
	1801			13.4	11.1
	1831			13.3	11.3
	1901			13.5	11.3
	1931			13.1	11.9
	2001			13.3	11.7
	2031			13.9	10.8
	2101			13.9	10.5
	2131			13.9	10.6
	2201			13.7	10.6
	2231			13.8	10.4
	2301			13.8	10.4
	2331			13.8	10.4

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
4/17/74	1	13.9	10.2	13.7	10.7
	31	13.4	10.2	13.6	10.8
	101	14.4	9.7	13.6	10.7
	131	14.6	10.3	13.6	10.8
	201	18.7	9.2	13.4	11.3
	231	14.0	10.1	13.4	11.1
	301	13.2	10.3	13.4	11.4
	331	13.0	10.3	13.4	11.2
	401	13.1	10.3	13.2	11.6
	431	14.0	10.8	13.2	11.7
	501	13.7	11.0	13.2	11.6
	531	13.6	10.9	13.4	11.4
	601	13.0	10.9	13.1	11.8
	631	13.6	10.6	12.7	12.2
	701	13.8	10.5	12.6	12.6
	731	13.9	10.2	12.3	12.9
	801	13.7	10.6	13.0	12.1
	831	13.3	9.8	13.4	11.7
	901	13.6	10.0	13.4	11.6

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
5/ 6/74	1123			15.5	11.6
	1152			15.5	11.7
	1222			16.0	11.8
	1252			16.0	11.9
	1322			16.0	11.9
	1352			16.1	11.8
	1422			16.1	11.8
	1452			16.2	11.8
	1522			16.1	11.8
	1552			16.0	11.8
	1622			15.8	11.7
	1652			15.8	11.7
	1722			16.0	11.6
	1752			16.0	11.6
	1822			15.9	11.7
	1852			16.1	11.7
	1922			16.4	11.8
	1952			16.2	11.7
	2022			16.2	11.9
	2052			16.4	11.9
	2122			16.3	11.6
	2152			16.2	11.6
	2222			16.1	11.6
	2252			16.1	11.7
	2322			16.2	11.7
	2352			16.1	11.6

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
5/ 7/74	22			16.1	11.7
	52			16.0	11.7
	122			16.0	11.7
	152			16.2	11.6
	222			15.9	11.8
	252			16.1	12.0
	322			16.1	11.8
	352			16.0	11.8
	422			15.8	11.9
	452			15.8	11.8
	522			15.8	11.7
	552			15.9	11.6
	622			15.8	11.6
	652			15.9	11.5
	722			16.0	11.5
	752			15.7	11.4
	822			15.6	11.4
	852			15.8	11.4
	922			15.9	11.6
	952			15.8	11.7
	1022			15.6	11.7
	1052			15.8	11.6
	1122			15.8	11.6
	1152			16.0	11.8
	1222			15.8	11.7
	1252			15.8	11.4
	1322			15.8	11.5
	1352			16.0	11.8
	1422			16.2	11.7
	1452			16.5	11.6
	1522			16.8	11.5
	1552			16.6	11.4
	1622			16.4	11.4
	1652			16.6	11.4
	1722			16.5	11.4
	1752			16.4	11.3
	1822			16.4	11.3
	1852			16.5	11.3
	1922			16.4	11.2
	1952			16.4	11.3
	2022			16.5	11.5
	2052			16.3	11.5
	2122			16.4	11.4
	2152			16.4	11.7
	2222			16.4	11.7
	2252			16.4	11.6
	2322			16.3	11.6
	2352			16.3	11.6

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
5/ 8/74	22			16.4	11.6
	52			16.3	11.6
	122			16.5	11.5
	152			16.3	11.6
	222			16.3	11.5
	252			16.2	11.6
	322			16.3	11.4
	352			16.4	11.6
	422			16.3	11.6
	452			16.2	11.7
	522			16.2	11.6
	552			16.4	11.5
	622			16.2	11.4
	652			16.2	11.3
	722			16.3	11.5
	752			15.5	11.4
	822			15.4	11.2
	852			15.8	11.3
	922			16.0	11.6
	952			16.4	11.5
	1022			16.7	11.6
	1052			16.4	11.5
	1122			16.0	11.7
	1152			16.2	11.7
	1222			16.4	11.5
	1252			16.4	11.6
	1322			16.4	11.6
	1352			16.4	11.5
	1422			16.4	11.6
	1452			16.4	11.6
	1522			16.5	11.5
	1552			16.5	11.5
	1622			16.4	11.8
	1652			16.5	11.5
	1722			16.6	11.5
	1752			16.6	11.5
	1822			16.6	11.5
	1852			16.5	11.6
	1922			16.5	11.6
	1952			16.5	11.6
	1952			16.4	11.5
	2022			16.7	11.7
	2052			16.5	11.6
	2122			16.4	11.6
	2152			16.4	11.6
	2222			16.2	11.7
	2252			16.3	11.8
	2322			16.3	11.7
	2352			16.2	11.7

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
5/ 9/74	22			16.2	11.6
	52			16.2	11.8
	122			16.1	11.7
	152			16.1	11.6
	222			16.2	11.7
	252			16.1	11.7
	322			16.1	11.5
	352			16.1	11.7
	422			16.3	11.5
	452			16.3	11.6
	522			16.2	11.5
	552			16.2	11.6
	622			16.2	11.7
	652			16.2	11.6
	722			16.2	11.6
	752			16.2	11.6
	822			15.8	11.4
	852			15.8	11.5
	922			16.1	11.5
	952			16.1	11.7
	1022			16.3	11.7
	1052			16.4	11.5
	1122			16.3	11.4
	1152			16.2	11.6
	1222			16.2	11.5
	1252			16.4	11.6
	1322			16.4	11.4
	1352			16.2	11.6
	1422			16.2	11.6
	1452			16.1	11.7
	1522			16.1	11.7
	1552			16.2	11.6
	1622			16.2	11.5
	1652			16.2	11.6
	1722			16.3	11.7
	1752			16.3	11.5
	1822			16.6	11.4
	1852			16.3	11.5
	1922			16.4	11.3
	1952			16.4	11.4
	2022			16.4	11.3
	2052			16.4	11.5
	2122			16.5	11.3
	2152			16.4	11.6
	2222			16.3	11.5
	2252			16.4	11.4
	2322			16.4	11.6
	2352			16.4	11.5

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
5/10/74	22			16.6	11.5
	52			16.6	11.6
	122			16.5	11.5
	152			16.4	11.6
	222			16.4	11.5
	252			16.4	11.5
	322			16.4	11.6
	352			16.4	11.4
	422			16.4	11.5
	452			16.4	11.4
	522			16.4	11.4
	552			16.3	11.4
	622			16.3	11.4
	652			16.4	11.5
	722			16.4	11.3
	752			16.4	11.2
	822			16.4	11.3
	1024			16.4	11.3
	1053			16.5	11.3
	1123			16.6	11.6
	1153			16.7	11.5
	1223			16.9	11.3
	1253			16.8	11.2
	1323			16.9	11.3
	1353			17.0	11.2
	1423			16.3	11.5
	1453			15.8	11.8
	1523			16.1	11.6
	1553			16.3	11.5
	1623			16.4	11.2
	1653			16.6	11.3
	1723			16.5	11.4
	1753			16.5	11.5
	1823			16.5	11.3
	1853			16.5	11.3
	1923			16.5	11.3
	1953			16.5	11.1
	2023			16.5	11.1
	2053			16.5	11.1
	2122			16.5	11.0
	2153			16.4	11.2
	2223			16.4	11.2
	2253			16.7	11.1
	2323			16.7	11.1
	2353			17.1	11.3

LOCATION 1 RAPPAHANNECK RIVER NURRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
5/11/74	23			17.2	11.1
	53			16.9	11.1
	123			15.9	11.9
	153			15.8	11.9
	223			15.4	13.1
	253			15.4	13.3
	323			15.8	12.5
	353			15.9	11.7
	423			16.5	11.4
	453			16.6	11.3
	523			16.6	11.2
	553			17.1	11.0
	623			17.0	11.0
	653			17.0	11.0
	723			16.9	11.1
	753			16.8	11.0
	823			16.7	11.1
	853			16.7	11.0
	923			16.8	11.0
	953			16.8	11.0
	1023			16.8	10.9
	1053			16.4	11.3
	1123			16.3	11.4
	1153			16.7	11.1
	1223			16.7	11.4
	1253			16.8	11.2
	1323			16.8	11.2
	1353			16.4	11.2
	1423			15.9	12.1
	1453			15.6	12.6
	1523			15.8	12.5
	1553			15.6	12.5
	1623			16.0	11.9
	1653			16.1	11.6
	1723			16.4	11.3
	1753			16.6	11.2
	1823			16.6	11.2
	1853			16.6	11.2
	1923			16.2	11.4
	1953			16.2	11.3
	2023			16.4	11.2
	2053			16.4	11.2
	2123			16.6	11.3
	2153			16.9	11.0
	2223			16.7	11.1
	2253			17.0	11.1
	2323			16.9	11.1
	2353			16.8	11.2

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
5/12/74	23			17.0	11.2
	53			17.0	11.1
	123			17.0	11.3
	153			16.2	11.8
	223			15.9	12.1
	253			15.6	12.4
	323			15.6	12.7
	353			15.6	12.6
	423			15.7	12.3
	453			15.9	12.1
	523			16.4	11.4
	553			16.4	11.5
	623			16.4	11.5
	653			16.4	11.4
	723			16.6	11.3
	753			16.7	11.3
	823			16.6	11.1
	853			16.7	11.3
	923			16.6	11.1
	953			16.6	11.2
	1023			16.6	11.2
	1053			16.6	11.2
	1123			16.6	11.1
	1153			15.9	12.1
	1223			16.1	12.2
	1253			16.1	11.9
	1323			16.5	11.4
	1353			16.7	11.3
	1423			16.8	11.3
	1453			16.0	11.8
	1523			16.0	12.1
	1553			15.7	12.3
	1623			15.7	12.5
	1653			15.8	12.2
	1723			16.9	11.5
	1753			17.4	11.3
	1823			17.3	11.2
	1853			17.2	11.2
	1923			17.2	11.2
	1953			17.2	11.3
	2023			17.2	11.2
	2053			17.2	11.2
	2123			17.2	11.0
	2153			17.2	11.2
	2223			17.0	11.1
	2253			17.0	11.1
	2323			17.1	11.0
	2353			17.0	11.0

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
5/13/74	23			17.0	11.0
	53			17.0	11.0
	123			16.9	11.0
	153			16.8	11.1
	223			16.9	11.1
	253			16.6	11.7
	323			16.4	12.0
	353			16.4	12.0
	423			16.5	11.9
	453			16.5	11.8
	523			16.6	11.7
	553			16.4	11.9
	623			17.0	11.3
	653			17.0	11.0
	723			17.0	10.9
	753			17.0	10.9
	823			17.0	10.8
	853			17.0	10.9
	923			17.1	10.7
	953			17.1	10.7
	1023			17.1	10.7
	1053			17.1	10.8
	1123			17.1	10.9
	1153			17.2	10.8
	1223			17.3	10.8
	1253			17.4	10.8
	1323			16.2	11.9
	1353			16.3	12.0
	1423			16.3	11.8
	1453			16.3	11.9
	1523			16.4	11.8
	1553			16.3	11.7
	1623			16.5	11.6
	1653			16.5	11.6
	1723			16.4	11.8
	1753			16.4	11.5
	1823			17.9	10.6
	1853			17.6	10.7
	1923			17.7	10.6
	1953			17.5	10.6
	2023			17.3	10.5
	2053			17.2	10.6
	2123			17.0	10.8
	2153			17.0	10.8
	2223			17.0	10.6
	2253			17.0	10.8
	2323			17.0	10.6
	2353			17.0	10.7

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
5/14/74	23			16.4	11.7
	53			16.4	11.7
	123			16.5	11.6
	153			16.9	11.1
	223			17.2	10.9
	253			16.9	11.2
	323			16.8	11.2
	353			16.9	11.2
	423			16.2	11.8
	453			16.3	12.0
	523			16.2	11.8
	553			16.3	11.9
	623			16.5	11.5
	653			16.9	10.9
	723			17.0	10.8
	753			17.2	10.6
	823			17.2	10.6
	853			17.2	10.6
	923			17.6	10.5
	953			17.5	10.5
	1023			17.5	10.5
	1053			17.6	10.4
	1123			16.8	10.9
	1153			16.9	11.0
	1223			16.8	11.0
	1253			16.8	11.0
	1323			16.8	10.8
	1353			17.0	10.7
	1423			17.2	10.9
	1453			17.6	10.8
	1523			17.8	10.5
	1553			17.8	10.5
	1623			16.6	11.6
	1653			16.2	12.1
	1723			16.2	12.0
	1753			16.2	11.7
	1823			16.2	12.0
	1853			16.2	11.8
	1923			16.6	11.4
	1953			17.2	10.6
	2023			17.2	10.6
	2053			17.6	10.4
	2123			17.9	10.4
	2153			18.1	10.5
	2223			18.4	10.2
	2253			18.3	10.1
	2323			18.3	10.2
	2353			17.3	10.8

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
5/15/74	23			17.3	10.6
	53			17.2	10.6
	123			17.4	10.5
	153			17.2	10.7
	223			17.2	10.8
	253			16.6	11.2
	323			16.6	11.3
	353			16.7	11.1
	423			17.3	10.7
	453			16.7	11.2
	523			16.4	11.5
	553			16.4	11.6
	623			16.5	11.6
	653			16.6	11.3
	723			16.8	11.2
	753			17.2	10.7
	823			17.5	10.5
	853			17.6	10.5
	923			17.7	10.2
	953			18.0	10.2
	1023			18.0	10.2
	1053			18.1	10.4
	1123			18.3	10.0
	1153			18.3	10.0
	1223			18.4	10.0
	1253			18.4	10.2
	1323			17.5	10.5
	1353			17.4	10.6
	1423			17.2	10.7
	1453			17.0	11.0
	1523			16.9	11.1
	1553			16.6	11.3
	1623			16.3	11.2
	1653			16.9	11.1
	1723			16.5	11.3
	1753			16.4	11.5
	1823			16.4	11.3
	1853			16.4	11.5
	1923			16.4	11.6
	1953			16.5	11.3
	2023			16.8	11.0
	2053			17.0	10.8
	2123			18.0	10.4
	2153			18.9	10.2
	2223			19.1	10.0
	2253			19.3	10.0
	2323			19.3	9.8
	2353			19.4	9.9

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
5/16/74	23			19.4	9.7
	53			16.6	11.1
	123			16.6	11.1
	153			16.7	11.1
	223			17.3	10.7
	253			17.6	10.5
	323			17.0	10.9
	353			17.0	10.8
	423			17.0	10.8
	453			16.7	11.2
	523			16.4	11.5
	553			16.2	11.5
	623			16.2	11.7
	653			16.2	11.3
	723			16.3	11.6
	753			16.4	11.3
	823			16.7	10.9
	853			16.6	11.1
	923			16.9	10.9
	953			17.4	10.8
	1023			18.9	10.2
	1053			18.9	10.0
	1123			18.3	10.1
	1153			18.4	10.0
	1223			18.7	10.0
	1253			18.3	10.0
	1323			17.0	11.0
	1353			16.8	11.1
	1423			16.7	11.2
	1453			16.8	11.0
	1523			17.1	10.8
	1553			16.9	10.9
	1623			17.2	10.8
	1653			16.8	11.1
	1723			16.5	11.3
	1753			16.2	11.5
	1823			16.2	11.4
	1853			16.2	11.6
	1923			16.2	11.5
	1953			16.3	11.2
	2023			16.4	11.1
	2053			16.7	10.9
	2123			16.6	10.9
	2153			16.8	10.9
	2223			16.9	10.7
	2253			18.1	10.1
	2323			17.6	10.5
	2353			18.5	9.7

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
5/17/74	23			18.3	9.8
	53			17.9	9.9
	123			18.1	9.7
	153			17.6	10.1
	223			17.2	10.4
	253			17.0	10.6
	323			17.2	10.4
	353			17.3	10.4
	423			17.2	10.4
	453			17.0	10.7
	523			16.7	10.9
	553			16.5	11.2
	623			16.5	11.1
	653			16.5	11.2
	723			16.4	11.2
	753			16.4	11.1
	823			16.5	11.2
	853			16.5	11.1
	923			16.6	11.0
	953			17.4	10.6
	1023			17.0	10.6
	1053			17.0	10.5
	1123			20.0	9.5
	1153			18.6	10.0
	1223			19.7	9.5
	1253			17.9	10.2
	1323			18.1	10.0
	1353			18.2	10.0
	1423			16.7	11.0
	1453			16.8	10.9
	1523			16.8	11.0
	1553			17.0	10.7
	1623			17.6	10.3
	1653			17.2	10.5
	1723			16.8	10.6
	1753			16.7	10.9
	1823			16.7	10.9
	1853			16.8	11.0
	1923			16.7	11.0
	1953			16.7	11.0
	2023			16.6	11.0
	2053			16.5	11.3
	2123			16.7	10.9
	2153			17.3	10.6
	2223			17.4	10.6
	2253			17.2	10.6
	2323			16.8	10.8
	2353			16.8	10.8

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
5/18/74	23			18.7	9.8
	53			18.5	9.9
	123			18.6	10.0
	153			18.0	10.1
	223			17.6	10.3
	253			17.4	10.4
	323			16.9	10.8
	353			16.9	10.8
	423			16.8	11.0
	453			16.9	10.8
	523			17.3	10.5
	553			17.2	10.6
	623			17.2	10.6
	653			17.0	10.6
	723			17.0	10.6
	753			16.9	10.8
	823			17.0	10.7
	853			17.0	10.7
	923			17.1	10.7
	953			17.2	10.6
	1023			17.1	10.7
	1053			17.0	10.6
	1123			17.0	10.7
	1153			17.0	10.6
	1223			17.0	10.6
	1253			17.1	10.6
	1323			17.1	10.6
	1353			17.1	10.5
	1423			17.2	10.4
	1453			17.2	10.3
	1523			17.2	10.4
	1553			17.1	10.7
	1623			19.0	9.7
	1653			17.4	10.4
	1723			18.0	10.2
	1753			17.7	10.3
	1823			17.4	10.6
	1853			17.9	10.2
	1923			18.1	10.2
	1953			17.9	10.3
	2023			17.6	10.5
	2053			17.4	10.7
	2123			17.2	10.7
	2153			17.2	10.7
	2223			17.3	10.6
	2253			17.4	10.5
	2323			18.4	9.9
	2353			19.9	9.3

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
5/19/74	23			20.0	9.2
	53			18.7	9.7
	123			20.9	8.9
	153			20.4	9.2
	223			19.0	9.6
	253			19.0	9.6
	323			19.1	9.5
	353			19.2	9.5
	423			19.1	9.4
	453			18.8	9.6
	523			18.9	9.5
	553			18.7	9.8
	623			18.6	9.8
	653			18.2	10.2
	723			18.1	10.3
	753			18.3	10.2
	823			18.6	10.0
	853			17.9	10.3
	923			17.7	10.5
	953			17.6	10.5
	1023			17.7	10.5
	1053			17.9	10.2
	1123			17.9	10.2
	1153			18.4	9.8
	1223			19.5	9.2
	1253			20.4	8.9
	1323			19.7	9.1
	1353			21.2	8.7
	1423			21.9	8.4
	1453			19.0	9.6
	1523			19.5	9.5
	1553			19.6	9.5
	1623			18.7	9.7
	1653			18.5	9.8
	1723			18.9	9.6
	1753			19.0	9.7
	1823			18.9	9.7
	1853			18.2	10.1
	1923			18.5	10.0
	1953			19.0	9.7
	2023			18.6	9.8
	2053			18.4	9.9
	2123			18.5	9.8
	2153			17.7	10.3
	2223			17.9	10.2
	2253			17.8	10.2
	2323			18.3	9.9
	2353			18.8	9.7

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
5/29/74	1311	19.7	11.9	19.8	
	1313	19.7	11.9	19.8	
	1313	19.8	11.9	19.8	
	1314	19.8	11.9	19.8	
	1335	19.9	11.9	19.8	
	1405	19.8	11.9	19.8	
	1435	19.9	11.8	19.8	
	1505	20.0	11.9	19.8	
	1535	19.8	12.1	19.8	
	1605	19.9	12.1	20.0	
	1635	20.1	12.4	20.2	
	1705	20.1	12.3	20.0	
	1735	20.0	12.3	20.0	
	1805	19.9	12.2	20.0	
	1835	20.1	12.3	20.0	
	1905	20.0	12.4	19.9	
	1935	20.2	12.3	19.9	
	2005	20.3	12.3	19.8	
	2035	20.5	12.2	19.8	
	2105	20.4	12.2	19.8	
	2135	20.3	12.2	19.8	
	2205	20.3	12.2	20.0	
	2235	20.2	12.2	20.0	
	2305	20.1	12.1	20.0	
	2335	20.1	12.1	19.8	

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
5/30/74	5	20.1	12.1	19.8	
	35	20.1	12.1	19.8	
	105	20.2	12.0	20.0	
	135	20.3	11.9	20.0	
	205	20.4	11.9	20.0	
	235	20.5	11.8	20.1	
	305	20.1	12.0	19.9	
	335	20.1	12.0	19.9	
	405	20.2	12.0	20.0	
	435	20.3	12.1	20.1	
	505	20.3	12.1	20.2	
	535	20.3	12.3	20.2	
	605	20.3	12.2	20.1	
	635	20.1	12.4	19.9	
	705	19.9	12.4	19.8	
	735	19.9	12.4	19.7	
	805	19.8	12.3	19.7	
	835	19.8	12.3	19.7	
	905	19.9	12.3	19.7	
	935	20.1	12.2	20.0	
	1005	20.2	12.2	20.0	
	1035	20.3	12.2	20.1	
	1105	20.3	12.0	20.1	
	1135	20.2	12.0	20.0	
	1205	20.1	12.0	20.0	
	1235	20.2	12.0	20.1	
	1305	20.5	12.0	20.4	
	1335	20.4	11.9	20.3	
	1405	20.5	11.9	20.4	
	1435	20.1	12.1	20.0	
	1505	20.1	12.2	19.9	
	1535	20.1	12.1	19.9	
	1605	20.1	12.3	20.0	
	1635	20.2	12.4	20.0	
	1705	20.5	12.4	20.3	
	1735	20.3	12.5	20.1	
	1805	20.3	12.4	20.2	
	1835	20.2	12.4	20.0	
	1905	19.9	12.6	19.8	
	1935	19.9	12.5	19.7	
	2005	19.7	12.6	19.6	
	2035	19.7	12.6	19.6	
	2105	19.8	12.5	19.7	
	2135	19.8	12.7	19.7	
	2205	19.9	12.6	19.8	
	2235	20.0	12.4	19.9	
	2305	20.1	12.4	20.0	
	2335	20.1	12.3	20.0	

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
5/31/74	5	20.1	12.2	20.0	
	35	19.9	12.4	19.8	
	105	20.2	12.3	20.0	
	135	20.3	12.2	20.2	
	205	20.0	12.3	19.8	
	235	20.1	12.4	19.9	
	305	20.1	12.5	20.0	
	335	20.1	12.4	20.0	
	405	20.1	12.4	20.0	
	435	20.2	12.4	20.0	
	505	20.2	12.5	20.1	
	535	20.2	12.6	20.1	
	605	20.4	12.4	20.2	
	635	20.4	12.4	20.2	
	705	20.2	12.3	20.1	
	735	20.0	12.8	19.8	
	805	19.8	12.8	19.7	
	835	19.8	12.7	19.7	
	905	19.8	12.6	19.7	
	935	19.8	12.8	19.7	
	1005	19.9	13.0	19.7	
	1035	20.0	12.7	19.8	
	1105	20.1	12.5	19.9	
	1135	20.1	12.5	20.0	
	1205	20.1	12.6	19.9	
	1235	19.9	12.6	19.8	
	1305	20.1	12.5	20.0	
	1335	20.1	12.6	20.0	
	1405	20.3	12.7	20.1	
	1435	20.3	12.7	20.2	
	1505	20.4	12.6	20.3	
	1535	20.6	12.6	20.4	
	1605	20.7	12.5	20.6	
	1635	20.7	12.6	20.5	
	1705	20.5	12.5	20.4	
	1735	20.7	12.6	20.5	
	1805	21.3	12.4	21.2	
	1835	20.6	12.6	20.5	
	1905	20.4	12.7	20.2	
	1935	20.3	12.7	20.2	
	2005	20.3	12.8	20.2	
	2035	20.0	12.9	19.9	
	2105	19.9	13.0	19.8	
	2135	20.0	12.8	19.8	
	2205	19.8	12.9	19.7	
	2235	19.9	13.0	19.8	
	2305	20.0	12.9	19.8	
	2335	20.0	12.8	19.9	

LOCATION 1 RAPPAHANNECK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
6/ 1/74	5	20.1	12.7	20.0	13.1
	25	20.0	12.7	19.9	13.3
	105	20.1	12.8	19.9	13.2
	135	20.1	12.7	20.0	13.0
	205	20.1	12.6	20.0	12.9
	235	20.2	12.6	20.1	12.8
	305	20.3	12.5	20.2	12.7
	335	20.4	12.5	20.2	12.7
	405	20.5	12.4	20.4	12.6
	435	20.5	12.4	20.4	12.6
	505	20.6	12.4	20.5	12.5
	535	20.5	12.4	20.4	12.5
	605	20.6	12.4	20.5	12.5
	635	20.8	12.5	20.7	12.5
	705	20.6	12.7	20.4	12.8
	735	20.7	12.5	20.6	12.7
	805	20.8	12.5	20.6	12.6
	835	20.5	12.6	20.4	12.9
	905	20.0	12.8	19.8	13.7
	935	19.9	12.8	19.8	13.6
	1005	19.9	12.8	19.8	13.6
	1035	19.9	12.8	19.8	13.7
	1105	20.4	12.7	20.2	13.1
	1135	20.7	12.6	20.5	12.8
	1205	20.8	12.5	20.6	12.7
	1235	20.9	12.5	20.8	12.6
	1305	20.9	12.4	20.8	12.5
	1335	21.0	12.4	20.8	12.5
	1405	20.7	12.4	20.6	12.7
	1435	20.7	12.3	20.6	12.5
	1505	20.9	12.3	20.8	12.3
	1535	21.1	12.2	21.0	12.2
	1605	21.2	12.2	21.0	12.2
	1635	21.3	12.3	21.2	12.2
	1705	21.5	12.3	21.4	12.3
	1735	20.8	12.5	20.6	12.6
	1805	20.7	12.5	20.6	12.6
	1835	20.4	12.6	20.3	12.9
	1905	20.8	12.6	20.7	12.7
	1935	20.8	12.7	20.7	12.8
	2005	21.0	12.6	20.9	12.7
	2035	21.0	12.5	20.8	12.6
	2105	20.4	12.7	20.3	13.0
	2135	20.1	12.8	20.0	13.6
	2205	19.9	12.8	19.8	13.9
	2235	20.0	12.7	19.8	13.7
	2305	19.9	12.7	19.8	13.9
	2335	20.7	12.7	20.6	12.9

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
6/ 2/14	5	21.1	12.5	21.0	12.6
	35	21.7	12.2	21.6	12.5
	105	21.8	12.2	21.6	12.4
	135	21.2	12.4	21.0	12.5
	205	20.5	12.3	20.4	12.8
	235	21.1	12.2	20.9	12.4
	305	21.1	12.1	21.0	12.2
	335	21.1	12.0	20.9	12.3
	405	21.1	12.0	21.0	12.2
	435	21.1	12.1	21.0	12.3
	505	21.3	12.0	21.2	12.0
	535	20.6	12.1	20.5	12.7
	605	20.4	12.2	20.2	13.0
	635	20.4	12.3	20.3	13.1
	705	20.6	12.6	20.5	12.9
	735	20.5	12.6	20.4	13.0
	805	20.7	12.6	20.5	13.0
	835	21.1	12.4	20.9	12.6
	905	21.0	12.4	20.8	12.6
	935	20.7	12.8	20.5	12.8
	1005	20.3	13.0	20.1	13.4
	1035	20.2	13.0	20.0	13.5
	1105	20.1	12.9	20.0	13.6
	1135	20.1	13.1	20.0	13.6
	1205	20.1	13.0	19.9	13.8
	1235	20.4	12.8	20.2	13.2
	1305	20.6	12.8	20.4	13.0
	1335	20.7	12.6	20.6	12.8
	1405	21.0	12.4	20.9	12.6
	1435	21.4	12.2	21.2	12.4
	1505	21.5	12.1	21.4	12.3
	1535	21.5	12.2	21.4	12.3
	1605	21.5	12.0	21.4	12.2
	1635	21.5	12.1	21.4	12.3
	1705	21.5	12.0	21.4	12.2
	1735	21.5	12.0	21.3	12.1
	1805	20.5	12.2	20.4	13.2
	1835	20.4	12.2	20.3	13.3
	1905	20.5	12.3	20.4	13.1
	1935	20.7	12.4	20.5	12.9
	2005	20.8	12.7	20.6	12.9
	2035	21.5	12.5	21.3	12.6
	2105	21.3	12.4	21.1	12.5
	2135	20.7	12.6	20.6	12.9
	2205	20.6	12.6	20.4	13.0
	2235	20.3	12.6	20.1	13.7
	2305	20.3	12.5	20.1	13.6
	2335	20.2	12.4	20.1	13.7

LOCATION 1 RAPPAHANNECK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
5/ 3/74	5	20.2	12.5	20.1	13.7
	35	20.4	12.5	20.3	13.3
	105	21.3	12.2	21.2	12.4
	135	21.2	12.2	21.1	12.4
	205	21.1	12.2	21.0	12.4
	235	21.1	12.2	21.0	12.4
	305	21.1	12.1	21.0	12.4
	335	21.1	12.0	21.0	12.3
	405	21.2	12.0	21.0	12.2
	435	21.1	11.9	21.0	12.2
	505	21.1	12.0	21.0	12.3
	535	21.3	11.9	21.1	12.0
	605	21.2	11.9	21.0	12.1
	635	20.7	12.0	20.6	12.9
	705	20.9	12.0	20.7	12.6
	735	21.0	12.1	20.8	12.4
	805	20.9	12.1	20.8	12.3
	835	20.9	12.1	20.8	12.3
	905	20.9	12.2	20.7	12.3
	935	20.8	12.3	20.7	12.5
	1005	20.7	12.3	20.6	12.6
	1035	20.5	12.5	20.4	13.2
	1105	20.5	12.5	20.3	13.2
	1135	20.5	12.5	20.4	13.2
	1205	20.3	12.6	20.1	13.7
	1235	20.4	12.5	20.2	13.4
	1305	20.5	12.4	20.3	13.4
	1335	20.9	12.3	20.8	12.4
	1405	21.1	12.2	20.9	12.3
	1435	21.2	12.1	21.0	12.2
	1505	21.2	12.1	21.1	12.2
	1535	21.3	12.0	21.2	12.1
	1605	21.4	12.0	21.3	12.1
	1635	21.5	11.7	21.4	12.0
	1705	21.7	11.9	21.6	12.0
	1735	21.8	11.8	21.6	12.0
	1805	20.6	12.2	20.5	13.1
	1835	20.6	12.2	20.4	13.1
	1905	20.8	12.2	20.6	12.8
	1935	20.9	12.3	20.8	12.5
	2005	21.0	12.3	20.9	12.5
	2035	21.3	12.2	21.2	12.3
	2105	21.3	12.2	21.1	12.3
	2135	21.2	12.3	21.1	12.3
	2205	20.9	12.5	20.8	12.7
	2235	20.6	12.7	20.5	12.9
	2305	20.5	12.6	20.4	13.1
	2335	20.5	12.6	20.4	13.1

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
6/ 4/74	5	20.5	12.5	20.4	13.1
	35	20.4	12.8	20.3	13.4
	105	20.4	13.0	20.2	13.5
	135	20.5	12.4	20.4	13.4
	205	20.7	12.4	20.5	13.1
	235	20.8	12.3	20.7	12.8
	305	20.9	12.3	20.8	12.7
	335	20.7	12.3	20.6	12.9
	405	20.9	12.3	20.8	12.7
	435	21.0	12.2	20.8	12.6
	505	21.0	12.2	20.9	12.5
	535	21.0	12.3	20.9	12.5
	605	21.0	12.3	20.8	12.6
	635	21.0	12.1	20.9	12.3
	705	21.1	11.9	20.9	12.2
	735	21.1	12.0	20.9	12.4
	805	21.0	12.0	20.8	12.1
	835	20.8	12.1	20.6	12.1
	905	20.9	12.1	20.7	12.1
	935	20.9	12.2	20.8	12.1
	1005	21.1	12.2	20.9	12.2
	1035	21.1	12.2	21.0	12.2
	1105	20.7	12.5	20.6	12.9
	1135	20.7	12.5	20.6	12.9
	1205	20.6	12.5	20.5	13.1
	1235	20.5	12.4	20.4	13.3
	1305	20.5	12.5	20.4	13.3
	1335	20.5	12.9	20.3	13.4
	1405	20.7	12.5	20.5	13.1
	1435	20.9	11.3	20.8	12.7
	1505	20.9	12.3	20.8	12.6
	1535	20.9	12.3	20.8	12.7
	1605	20.9	12.3	20.8	12.6
	1635	20.9	12.1	20.8	12.5
	1705	20.9	12.1	20.8	12.5
	1735	20.9	12.0	20.8	12.4
	1805	20.9	12.2	20.7	12.6
	1835	20.8	12.3	20.6	12.8
	1905	20.9	12.3	20.8	12.6
	1935	20.9	12.4	20.7	12.7
	2005	20.9	12.5	20.7	12.6
	2035	21.2	12.4	21.0	12.4
	2105	21.4	12.4	21.3	12.4
	2135	21.3	12.2	21.1	12.2
	2205	21.1	12.1	20.9	12.1
	2235	21.1	12.3	21.0	12.3
	2305	20.8	12.6	20.6	12.8
	2335	20.8	12.7	20.7	12.8

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
6/ 5/74	5	20.7	12.5	20.6	13.1
	35	20.6	12.6	20.5	13.1
	105	20.5	12.7	20.4	13.5
	135	20.5	12.7	20.4	13.5
	205	20.6	12.6	20.5	13.2
	235	20.6	12.5	20.4	13.1
	305	20.7	12.4	20.6	12.9
	335	20.8	12.5	20.6	12.9
	405	20.7	12.7	20.5	13.1
	435	20.7	12.5	20.6	13.0
	505	20.8	12.5	20.6	12.9
	535	20.8	12.3	20.7	12.8
	605	20.9	12.3	20.7	12.6
	635	20.9	12.2	20.8	12.5
	705	20.9	12.1	20.8	12.4
	735	20.9	12.1	20.8	12.4
	805	20.9	12.1	20.8	12.4
	825	21.0	12.2	20.8	12.4
	905	21.1	12.2	21.0	12.3
	935	21.2	12.3	21.0	12.4
	1009	21.0	12.2	20.8	12.4
	1039	20.8	12.4	20.7	12.5
	1109	20.5	12.5	20.4	12.9
	1139	20.5	12.6	20.3	13.1
	1209	20.5	12.6	20.4	13.1
	1239	20.4	12.6	20.2	13.2
	1309	20.5	12.7	20.3	13.2
	1339	20.6	12.6	20.5	12.9
	1409	20.6	12.2	20.5	12.8
	1439	20.7	12.2	20.6	12.7
	1509	20.7	12.5	20.6	12.8
	1539	20.7	12.5	20.5	12.8
	1609	20.7	12.4	20.6	12.7
	1639	20.9	12.3	20.7	12.6
	1709	20.8	12.4	20.7	12.5
	1739	20.9	12.4	20.8	12.5
	1809	21.1	12.4	20.9	12.4
	1839	21.1	12.3	21.0	12.3
	1909	21.3	12.4	21.1	12.4
	1939	21.3	12.4	21.1	12.4
	2009	21.4	12.3	21.2	12.4
	2039	21.7	12.4	21.5	12.5
	2109	21.5	12.3	21.4	12.4
	2139	21.6	12.3	21.4	12.4
	2209	21.6	12.4	21.5	12.5
	2239	21.0	12.6	20.9	12.8
	2309	20.9	12.7	20.8	12.7
	2339	20.8	12.6	20.7	12.8

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
6/ 6/74	9	20.8	12.7	20.6	12.8
	39	20.5	12.8	20.4	13.2
	109	20.4	12.8	20.2	13.3
	139	20.5	12.7	20.4	13.1
	209	20.7	12.6	20.5	13.0
	239	20.7	12.6	20.6	12.9
	309	20.8	12.5	20.7	12.7
	339	20.8	12.3	20.6	12.7
	409	20.8	12.5	20.6	12.9
	439	20.9	12.3	20.8	12.6
	509	20.9	12.3	20.8	12.6
	539	21.0	12.3	20.9	12.5
	609	21.1	12.2	20.9	12.4
	639	21.1	12.2	20.9	12.4
	709	21.1	12.2	20.9	12.4
	739	21.0	12.2	20.9	12.4
	809	21.1	12.2	20.9	12.4
	839	21.1	11.9	21.0	12.3
	909	21.5	11.9	21.4	12.3
	939	21.9	12.0	21.7	12.4
	1009	21.8	12.0	21.6	12.4
	1039	21.8	12.0	21.6	12.4
	1109	21.5	12.1	21.4	12.4
	1139	21.4	12.1	21.3	12.5
	1209	21.1	12.1	20.9	12.6
	1239	20.8	12.6	20.7	12.9
	1309	20.6	12.6	20.5	13.1
	1339	20.6	12.8	20.4	13.2
	1409	20.7	12.6	20.5	13.0
	1439	21.1	12.5	20.9	12.7
	1509	21.1	12.5	21.0	12.6
	1539	21.2	12.5	21.0	12.5
	1609	21.3	12.5	21.2	12.5
	1639	21.4	12.0	21.2	12.5
	1709	21.4	12.1	21.2	12.5
	1739	21.3	12.1	21.1	12.6
	1809	21.3	12.4	21.1	12.5
	1839	21.4	12.3	21.2	12.4
	1909	21.6	12.3	21.4	12.3
	1939	21.6	12.3	21.4	12.4
	2009	21.7	12.3	21.5	12.4
	2039	22.0	12.3	21.8	12.3
	2109	22.0	12.3	21.8	12.3
	2139	22.2	12.4	22.1	12.4
	2209	21.9	12.3	21.7	12.4
	2239	21.7	12.3	21.6	12.4
	2309	21.9	12.4	21.7	12.5
	2339	21.9	12.4	21.8	12.5

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
6/ 7/74	9	22.1	12.4	21.9	12.5
	39	21.9	12.5	21.7	12.6
	109	21.3	12.6	21.2	12.7
	139	20.5	13.0	20.4	13.2
	209	20.6	12.8	20.4	13.2
	239	20.9	12.8	20.7	13.0
	309	21.0	12.6	20.9	12.9
	339	21.4	12.5	21.3	12.6
	409	21.7	12.4	21.5	12.6
	439	21.6	12.3	21.5	12.5
	509	21.5	12.3	21.4	12.6
	539	21.6	12.3	21.4	12.5
	609	21.6	12.3	21.5	12.5
	639	21.6	12.2	21.5	12.4
	709	21.7	12.3	21.5	12.4
	739	21.7	12.2	21.5	12.4
	809	21.7	12.2	21.5	12.4
	839	21.7	12.2	21.5	12.4
	909	21.6	12.3	21.5	12.3
	939	21.7	12.3	21.6	12.3
	1009	21.7	12.4	21.6	12.5
	1039	21.5	12.4	21.4	12.5
	1109	21.5	12.3	21.3	12.5
	1139	21.5	12.3	21.3	12.5
	1209	21.5	12.4	21.4	12.5
	1239	21.6	12.5	21.4	12.5
	1309	21.7	12.5	21.6	12.5
	1339	21.7	12.5	21.5	12.5
	1409	21.6	12.4	21.5	12.5
	1439	21.0	12.6	20.9	12.9
	1509	21.7	12.5	21.5	12.6
	1539	21.5	12.5	21.4	12.6
	1609	21.5	12.5	21.4	12.6
	1639	21.4	12.4	21.3	12.5
	1709	21.5	12.4	21.4	12.5
	1739	21.5	12.4	21.4	12.5
	1809	21.6	12.3	21.4	12.5
	1839	21.6	12.3	21.4	12.5
	1909	21.6	12.3	21.5	12.4
	1939	21.6	12.3	21.4	12.4
	2009	21.6	12.3	21.4	12.4
	2039	21.6	12.3	21.4	12.4
	2109	21.7	12.3	21.5	12.4
	2139	21.6	12.3	21.5	12.5
	2209	21.5	12.4	21.4	12.5
	2239	21.5	12.4	21.3	12.5
	2309	21.4	12.4	21.3	12.5
	2339	21.4	12.4	21.2	12.5

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
6/ 8/74	9	21.5	12.5	21.3	12.6
	39	21.5	12.5	21.3	12.6
	109	21.5	12.5	21.3	12.6
	139	21.5	12.5	21.4	12.6
	209	21.5	12.5	21.3	12.6
	239	21.5	12.5	21.3	12.6
	309	21.5	12.5	21.3	12.6
	339	21.5	12.5	21.3	12.6
	409	21.3	12.4	21.2	12.6
	439	21.3	12.4	21.2	12.5
	509	21.4	12.4	21.3	12.5
	539	21.5	12.3	21.4	12.5
	609	21.4	12.3	21.3	12.5
	639	21.5	12.3	21.4	12.5
	709	21.5	12.4	21.4	12.5
	739	21.4	12.3	21.3	12.4
	809	21.4	11.9	21.2	12.4
	839	21.3	11.9	21.2	12.3
	909	21.3	11.9	21.2	12.3
	939	21.3	12.2	21.2	12.3
	1009	21.3	11.9	21.2	12.3
	1039	21.4	11.9	21.3	12.3
	1109	21.5	12.3	21.4	12.4
	1139	21.5	12.4	21.4	12.5
	1209	21.5	12.4	21.4	12.5
	1239	21.6	12.4	21.5	12.5
	1309	21.7	12.3	21.5	12.4
	1339	21.8	12.3	21.6	12.4
	1409	21.8	12.3	21.6	12.4
	1439	21.7	12.4	21.6	12.4
	1509	21.6	12.4	21.4	12.4
	1539	21.5	12.4	21.4	12.4
	1609	21.5	12.1	21.4	12.4
	1639	21.8	12.0	21.7	12.5
	1709	21.8	12.0	21.6	12.5
	1739	21.8	11.9	21.6	12.5
	1809	21.7	11.9	21.6	12.4
	1839	21.7	11.2	21.6	12.3
	1909	21.7	11.0	21.6	12.3
	1939	21.8	11.1	21.7	12.1
	2009	21.8	10.9	21.6	12.1
	2039	21.8	10.9	21.6	12.0
	2109	21.8	11.0	21.7	12.1
	2139	21.8	11.9	21.6	12.2
	2209	21.7	12.1	21.6	12.3
	2239	21.8	12.0	21.6	12.2
	2309	21.8	12.0	21.6	12.1
	2339	21.8	12.3	21.7	12.4

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
6/ 9/74	9	21.7	12.3	21.6	12.4
	39	21.6	12.2	21.5	12.4
	109	21.6	12.2	21.5	12.4
	139	21.6	12.2	21.4	12.4
	209	21.6	12.2	21.5	12.4
	239	21.6	12.3	21.4	12.4
	309	21.6	12.3	21.4	12.6
	339	21.6	12.3	21.4	12.6
	409	21.6	12.1	21.5	12.5
	439	21.7	12.2	21.5	12.5
	509	21.6	12.2	21.4	12.5
	539	21.6	12.0	21.4	12.4
	609	21.6	11.9	21.4	12.2
	639	21.6	11.9	21.5	12.1
	709	21.6	11.8	21.4	12.1
	739	21.6	11.8	21.4	12.0
	809	21.6	11.8	21.4	12.0
	839	21.6	11.8	21.5	11.8
	909	21.6	11.7	21.4	12.0
	939	21.6	11.7	21.5	11.9
	1009	21.6	11.7	21.5	11.9
	1039	21.7	11.7	21.6	11.9
	1109	21.8	11.8	21.6	11.8
	1139	21.8	11.8	21.6	11.8
	1209	22.2	12.0	22.1	12.1
	1239	21.8	12.4	21.6	12.4
	1309	21.9	12.3	21.8	12.3
	1339	21.7	12.3	21.5	12.4
	1409	21.7	12.2	21.5	12.4
	1439	21.6	12.3	21.4	12.5
	1509	21.5	12.2	21.4	12.4
	1539	21.6	12.2	21.4	12.4
	1609	21.6	12.3	21.4	12.4
	1639	21.6	12.3	21.4	12.5
	1709	21.6	12.4	21.4	12.5
	1739	21.6	12.3	21.4	12.5
	1809	21.6	12.1	21.4	12.5
	1839	21.6	12.0	21.4	12.5
	1909	21.6	11.8	21.4	12.4
	1939	21.6	11.8	21.4	12.3
	2009	21.6	11.8	21.5	12.3
	2039	21.7	11.7	21.5	12.2
	2109	21.6	11.6	21.4	12.4
	2139	21.6	11.8	21.4	12.5
	2209	21.6	11.8	21.4	12.5
	2239	21.6	11.9	21.4	12.4
	2309	21.7	12.0	21.6	12.3
	2339	22.0	12.0	21.9	12.1

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
6/10/74	9	22.5	12.3	22.4	12.4
	39	22.7	12.1	22.6	12.2
	109	22.5	12.1	22.4	12.2
	139	21.8	12.1	21.7	12.3
	209	21.6	12.3	21.5	12.5
	239	21.6	12.2	21.5	12.5
	309	21.6	12.2	21.5	12.5
	339	21.6	12.4	21.5	12.5
	409	21.6	12.3	21.5	12.5
	439	21.7	12.2	21.5	12.5
	509	21.9	12.2	21.8	12.3
	539	21.9	12.0	21.8	12.3
	609	22.0	11.8	21.8	12.3
	639	22.0	11.7	21.9	12.0
	709	21.9	11.6	21.8	12.0
	739	22.1	11.6	21.9	11.8
	809	22.2	11.5	22.1	11.7
	839	21.8	11.6	21.6	12.2
	909	22.3	11.4	22.1	11.8
	939	23.5	11.7	23.3	11.7
	1009	21.7	11.2	21.6	12.3
	1039	22.7	11.9	22.5	11.9
	1109	21.7	11.3	21.6	12.3
	1139	22.3	11.2	22.1	12.0
	1209	22.3	11.7	22.1	12.2
	1239	22.3	11.8	22.2	11.8
	1309	23.3	12.0	23.2	12.2
	1339	22.0	11.9	21.9	12.2
	1409	21.9	8.5	21.8	7.7
	1439	21.9	12.1	21.7	12.2
	1509	19.4	12.8	19.3	13.0
	1539	15.8	14.8	15.7	12.7
	1609	19.3	12.8	19.2	11.3
	1639	20.4	12.8	20.3	12.8
	1709	21.7	11.9	21.5	12.4
	1739	21.7	11.8	21.6	12.3
	1809	21.7	12.1	21.6	12.3
	1839	21.9	12.1	21.8	12.3
	1909	21.7	11.9	21.6	12.4
	1939	22.3	9.3	22.1	12.2
	2009	21.9	9.0	21.8	12.2
	2039	21.8	11.9	21.6	11.6
	2109	20.4	12.2	20.2	12.7
	2139	22.0	11.1	21.9	12.3
	2209	21.8	11.2	21.7	12.4
	2239	21.9	11.2	21.8	12.4
	2309	21.8	11.2	21.6	12.4
	2339	21.8	11.8	21.6	12.4

LOCATION 1 RAPPAHANNOCK RIVER NURRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
6/11/74	9	21.9	11.9	21.7	12.4
	39	21.9	12.1	21.8	12.4
	109	22.1	12.3	21.9	12.3
	139	22.1	12.3	22.0	12.3
	209	22.1	12.3	22.0	12.2
	239	21.8	12.1	21.7	12.4
	309	21.7	12.3	21.6	12.5
	339	21.3	12.4	21.2	12.7
	409	21.3	12.3	21.2	12.8
	439	21.3	12.4	21.1	12.8
	509	21.3	12.3	21.2	12.1
	539	22.1	11.9	22.0	12.3
	609	21.9	11.9	21.7	12.3
	639	21.8	12.0	21.6	12.4
	709	23.7	11.4	23.5	11.4
	739	23.6	11.3	23.4	11.4
	809	23.7	11.2	23.5	11.4
	839	23.5	11.1	23.4	11.3
	909	23.2	11.2	23.1	11.3
	939	23.1	11.2	22.9	11.5
	1009	23.1	11.3	23.0	11.5
	1039	23.1	11.3	23.0	11.5
	1109	21.7	11.7	21.6	12.4
	1139	21.7	11.7	21.6	12.5
	1209	21.7	11.7	21.5	12.5
	1239	21.6	11.8	21.5	12.6
	1309	21.6	11.8	21.4	12.6
	1339	21.8	12.0	21.6	12.4
	1409	21.2	12.5	21.0	13.4
	1439	21.2	12.6	21.1	13.4
	1509	21.1	12.5	21.0	13.7
	1539	21.1	12.8	21.0	13.9
	1609	21.1	12.6	21.0	13.6
	1639	21.3	12.5	21.2	13.2
	1709	21.3	12.2	21.2	13.4
	1739	21.3	12.5	21.2	13.1
	1809	21.4	12.4	21.3	12.9
	1839	21.5	12.3	21.4	12.8
	1909	22.1	11.8	21.9	12.3
	1939	21.8	12.0	21.6	12.6
	2009	22.3	11.8	22.2	12.2
	2039	22.0	12.0	21.9	12.4
	2109	22.1	12.0	21.9	12.3
	2139	22.1	12.0	21.9	12.3
	2209	22.0	12.1	21.9	12.4
	2239	21.9	12.0	21.8	12.4
	2309	21.7	12.1	21.6	12.7
	2339	21.8	12.0	21.6	12.7

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
6/12/74	9	21.8	12.0	21.6	12.7
	39	21.9	12.0	21.7	12.6
	109	22.0	12.0	21.8	12.4
	139	22.2	12.2	22.0	12.3
	209	21.5	12.3	21.3	13.1
	239	21.1	12.4	21.0	13.9
	309	21.1	12.4	21.0	13.9
	339	21.1	12.5	21.0	13.9
	409	21.2	12.4	21.0	13.8
	439	21.2	12.4	21.1	13.7
	509	21.3	12.2	21.2	13.4
	539	21.4	12.3	21.3	13.3
	609	21.8	12.1	21.6	12.8
	639	22.1	12.0	22.0	12.4
	709	22.0	12.0	21.9	12.4
	739	22.2	12.0	22.0	12.3
	809	22.3	11.8	22.2	12.1
	839	22.8	11.6	22.6	11.7

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
6/18/74	915	23.7	12.6	22.0	
	915	23.4	12.4	21.9	
	916	23.2	12.6	22.0	
	917	23.5	12.3	22.0	
	917	23.3	12.6	22.0	
	944	23.8	12.1	22.0	
	1014	23.7	12.1	22.1	
	1044	23.4	12.3	22.1	
	1114	24.3	12.0	22.6	
	1144	23.9	11.7	23.0	
	1214	23.9	11.6	22.5	
	1244	24.1	11.6	22.9	
	1314	24.4	11.5	23.1	
	1344	24.4	11.5	23.3	
	1414	24.3	11.5	23.3	
	1444	24.6	11.5	23.1	
	1514	24.6	11.4	23.0	
	1544	25.1	11.4	22.2	
	1614	25.6	11.3	22.5	
	1644	25.4	11.3	22.7	
	1714	25.2	11.3	22.7	
	1744	24.8	11.4	22.4	
	1814	23.8	12.6	22.9	
	1844	24.6	12.3	22.9	
	1914	24.1	12.4	22.5	
	1944	23.1	13.0	22.5	
	2014	23.5	12.7	22.5	
	2044	24.0	12.1	21.2	
	2114	23.7	12.3	22.1	
	2144	23.9	12.1	23.0	
	2214	24.0	12.1	22.6	
	2244	24.3	11.8	21.6	
	2314	24.1	12.2	23.1	
	2344	24.7	11.9	23.0	

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
6/19/74	14	24.1	11.8	22.4	
	44	24.1	11.8	23.3	
	114	24.2	11.7	23.3	
	144	24.3	11.5	24.4	
	214	24.1	11.2	24.4	
	244	24.0	11.3	23.7	
	314	24.0	11.3	22.1	
	344	24.1	11.2	23.2	
	414	24.1	11.3	23.6	
	444	24.0	11.4	23.8	
	514	23.9	11.5	21.8	
	544	23.9	11.5	21.6	
	614	23.9	11.4	23.8	
	644	23.4	12.3	23.5	
	714	23.6	12.1	23.5	
	744	23.5	13.1	23.6	
	814	23.4	12.6	22.4	
	844	23.5	12.4	23.3	
	914	23.7	12.3	22.7	
	944	23.7	13.0	23.5	
	1014	23.7	12.7	22.5	
	1044	23.6	12.7	22.3	
	1114	24.4	12.1	22.3	
	1144	24.1	12.2	23.6	
	1214	24.5	12.1	23.3	
	1244	24.3	12.2	23.3	
	1314	24.5	11.9	23.8	
	1344	24.6	11.4	23.5	
	1414	24.2	11.5	24.2	
	1444	24.1	11.5	23.8	
	1514	24.1	11.5	23.4	
	1544	23.9	11.7	24.0	
	1614	24.3	11.5	23.2	
	1644	24.1	11.7	23.2	
	1714	23.8	11.9	23.3	
	1744	24.3	11.9	23.3	
	1814	23.9	12.6	23.0	
	1844	24.0	12.8	23.7	
	1914	23.7	13.0	23.3	
	1944	23.5	12.8	23.1	
	2014	23.5	13.4	23.4	
	2044	23.3	13.6	23.4	
	2114	23.9	13.1	23.6	
	2144	23.5	13.5	23.0	
	2214	23.6	13.1	23.4	
	2244	23.3	13.7	23.1	
	2314	23.7	12.8	23.1	
	2344	24.0	12.4	23.1	

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
6/20/74	14	24.0	12.5	23.7	
	44	23.8	12.6	24.2	
	114	23.1	12.9	23.4	
	144	23.1	12.9	23.4	
	214	23.7	12.5	23.8	
	244	23.9	12.5	23.8	
	314	23.8	12.5	23.9	
	344	23.8	12.4	23.9	
	414	23.6	12.4	24.1	
	444	23.9	12.3	23.5	
	514	24.0	12.1	24.2	
	544	24.0	12.0	23.3	
	614	23.9	12.0	23.4	
	644	23.9	12.0	23.7	
	714	23.9	12.1	23.2	
	744	23.9	12.2	23.2	
	814	23.7	12.6	23.3	
	844	23.6	13.0	23.5	
	914	23.7	12.7	23.8	
	944	23.8	12.6	23.1	
	1014	24.1	12.3	23.0	
	1044	24.1	12.7	22.8	
	1114	24.3	12.7	22.9	
	1144	24.4	12.5	22.6	
	1214	25.6	12.1	23.0	
	1244	24.6	12.4	22.5	
	1314	24.8	12.3	23.7	
	1344	24.7	12.1	23.8	
	1414	24.7	12.1	24.5	
	1444	25.5	12.0	23.9	
	1514	25.3	11.9	24.0	
	1544	25.1	12.0	24.2	
	1614	25.5	12.0	24.2	
	1644	24.5	12.1	23.3	
	1714	24.2	12.2	23.5	
	1744	24.3	12.1	23.6	
	1814	25.7	12.0	23.2	
	1845	25.6	11.9	23.0	
	1915	25.6	11.9	23.7	
	1945	25.3	12.2	23.5	
	2015	24.6	13.1	23.7	
	2045	23.8	13.6	23.0	
	2115	23.7	13.5	23.3	
	2145	23.7	13.6	23.9	
	2215	23.4	13.8	23.0	
	2245	24.1	13.2	23.4	
	2315	24.0	13.4	23.1	
	2345	24.2	12.9	23.2	

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
6/21/74	15	24.4	12.7	23.1	
	45	24.6	12.7	22.7	
	115	24.5	12.8	23.8	
	145	24.1	13.0	23.5	
	215	24.2	12.7	23.5	
	245	24.3	12.5	24.2	
	315	24.5	12.3	25.2	
	345	24.7	12.3	24.6	
	415	24.6	12.1	25.0	
	445	24.4	12.1	24.8	
	515	24.1	12.1	24.8	
	545	24.1	12.1	23.7	
	615	24.1	12.1	23.3	
	645	24.1	12.2	23.8	
	715	24.1	12.1	23.8	
	745	24.1	12.2	23.5	
	815	24.0	12.4	23.6	
	845	23.9	13.0	23.2	
	915	23.3	13.9	23.7	
	945	23.6	13.4	23.5	
	1015	23.7	12.9	23.2	
	1045	23.7	13.5	23.0	
	1115	23.6	13.9	23.2	
	1145	23.7	13.7	22.9	
	1215	24.2	13.1	23.3	
	1245	24.5	13.0	23.1	
	1315	24.6	12.9	23.1	
	1345	24.5	12.8	23.3	
	1415	24.3	13.1	23.2	
	1445	24.4	12.7	24.4	
	1515	24.4	12.7	24.1	
	1545	24.5	12.6	24.3	
	1615	24.6	12.6	25.1	
	1645	24.5	12.6	24.8	
	1715	24.6	12.6	24.6	
	1745	24.8	12.5	25.2	
	1815	24.6	12.5	25.4	
	1845	24.6	12.5	24.2	
	1915	24.4	12.7	23.6	
	1945	24.4	12.6	23.6	
	2015	24.4	12.8	24.2	
	2045	24.2	13.3	25.3	
	2115	24.3	13.1	25.0	
	2145	24.2	12.8	25.1	
	2215	23.9	13.5	23.5	
	2245	23.9	13.5	23.7	
	2315	24.0	13.9	23.3	
	2345	24.1	13.6	23.6	

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
6/22/74	15	24.1	13.6	23.1	
	45	24.4	13.2	23.3	
	115	24.3	13.1	22.7	
	145	24.3	13.0	23.4	
	215	24.1	13.0	23.2	
	245	24.2	13.0	24.2	
	315	24.1	13.0	24.1	
	345	24.1	12.8	24.0	
	415	24.2	12.7	24.5	
	445	24.1	12.6	24.5	
	515	24.1	12.6	24.6	
	545	24.1	12.6	24.9	
	615	24.1	12.6	24.2	
	645	24.1	12.6	24.4	
	715	24.1	12.6	23.7	
	745	24.0	12.5	23.6	
	815	24.1	12.4	23.7	
	845	24.0	12.6	23.6	
	915	24.0	13.0	23.9	
	945	24.2	13.2	23.9	
	1015	23.5	14.3	24.0	
	1045	23.7	14.1	23.8	
	1115	23.7	14.0	23.8	
	1145	24.0	13.8	23.5	
	1215	24.5	13.4	24.0	
	1245	24.2	13.7	23.4	
	1315	24.3	13.5	22.9	
	1345	24.3	13.4	23.6	
	1415	25.5	13.5	23.3	
	1445	23.9	13.9	23.8	
	1515	24.5	13.3	24.0	
	1545	24.7	13.1	23.8	
	1615	24.7	13.1	24.2	
	1645	24.6	12.8	24.4	
	1715	25.0	12.7	24.2	
	1720	25.0	12.7	23.9	
	1750	24.8	12.6	24.2	
	1820	24.9	12.5	25.0	
	1850	24.7	12.6	24.6	
	1920	24.6	12.6	24.2	
	1950	23.9	13.2	24.1	
	2020	24.1	13.0	24.6	
	2050	24.5	12.7	23.8	
	2120	24.5	12.7	23.9	
	2150	24.1	13.9	24.4	
	2220	24.0	14.2	24.1	
	2250	24.1	13.4	24.6	
	2320	23.7	14.1	24.0	
	2350	24.0	13.9	24.2	

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
6/23/74	20	24.1	14.0	23.6	
	50	24.0	13.8	24.0	
	120	24.1	13.7	23.2	
	150	24.3	13.4	23.4	
	220	24.5	13.1	23.7	
	250	24.6	13.1	23.9	
	320	24.4	13.2	23.6	
	350	24.3	13.3	24.2	
	420	24.4	13.1	23.9	
	450	24.4	13.4	24.2	
	520	24.5	12.6	23.9	
	550	24.6	12.5	23.8	
	620	24.5	12.3	24.6	
	650	24.4	12.4	24.7	
	720	24.4	12.4	24.8	
	750	24.4	12.2	24.3	
	820	24.5	12.2	23.5	
	850	24.4	12.4	23.7	
	920	24.4	12.5	23.6	
	950	24.6	12.4	23.8	
	1020	24.1	13.7	24.2	
	1050	24.5	13.7	23.5	
	1120	23.8	14.3	24.4	
	1150	24.0	14.0	24.2	
	1220	23.9	14.3	23.4	
	1250	25.1	13.3	23.8	
	1320	24.7	13.6	23.5	
	1350	24.6	13.8	23.6	
	1420	25.0	13.6	23.2	
	1450	25.2	13.3	23.3	
	1520	25.2	13.2	23.5	
	1550	25.4	13.1	23.5	
	1620	25.8	13.1	24.3	
	1650	25.6	13.1	24.6	
	1720	25.6	12.9	24.3	
	1750	25.6	12.5	24.1	
	1820	25.7	12.6	25.2	
	1850	25.5	12.3	24.3	
	1920	25.0	12.3	25.0	
	1950	24.8	13.1	25.2	
	2020	24.6	13.2	23.6	
	2050	24.7	13.1	23.5	
	2120	24.9	12.5	23.4	
	2150	24.8	12.3	24.1	
	2220	24.6	12.9	24.2	
	2250	24.1	13.8	23.7	
	2320	24.3	13.7	23.9	
	2350	24.2	13.8	24.3	

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
6/24/74	20	24.1	13.9	24.1	
	50	24.2	13.7	24.5	
	120	24.4	13.2	23.6	
	150	24.5	13.4	23.6	
	220	24.3	13.3	24.2	
	250	24.3	13.2	23.4	
	320	24.2	13.3	23.5	
	350	24.1	12.6	23.4	
	420	24.2	12.7	23.9	
	450	24.2	13.1.	24.4	
	520	24.2	12.9	23.9	
	550	24.1	13.0	24.6	
	620	24.1	13.2	24.3	
	650	24.0	13.0	25.0	
	720	24.0	12.7	24.3	
	750	24.0	12.7	24.7	
	820	24.0	12.5	25.0	
	850	23.9	12.5	24.2	
	920	23.9	12.3	24.0	
	950	23.9	12.3	23.9	
	1020	23.8	12.3	24.1	
	1050	23.8	12.4	24.2	
	1120	23.8	13.0	23.6	
	1150	23.7	12.7	24.2	
	1220	23.6	13.4	23.6	
	1250	23.7	13.7	23.7	
	1320	23.7	13.7	24.4	
	1350	23.8	13.5	24.0	
	1420	23.9	13.3	23.8	
	1450	23.9	13.2	24.1	
	1520	24.0	13.1	23.2	
	1550	23.9	13.6	24.2	
	1620	23.9	13.0	23.7	
	1650	23.8	13.4	24.0	
	1720	23.9	13.3	23.9	
	1750	23.8	13.0	23.9	
	1820	23.9	12.9	23.4	
	1850	23.9	12.7	24.5	
	1920	23.9	12.7	24.7	
	1950	23.8	12.6	23.9	
	2020	23.9	12.5	24.1	
	2050	23.9	12.4	24.1	
	2120	23.8	12.5	23.7	
	2150	23.8	12.5	23.1	
	2220	23.7	12.5	23.4	
	2250	23.6	12.6	23.4	
	2320	23.6	12.9	23.0	
	2350	23.4	14.0	23.1	

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
6/25/74	20	23.4	13.9	23.1	14.8
	50	23.5	13.7	23.2	14.6
	120	23.4	13.7	23.0	15.3
	150	23.4	13.8	23.3	15.2
	220	23.3	13.1	23.3	15.7
	250	23.3	13.1	22.9	16.0
	320	23.3	13.1	23.4	15.3
	350	23.3	12.9	23.3	16.1
	420	23.3	13.0	22.9	15.9
	450	23.0	13.1	22.7	15.8
	520	23.1	13.0	23.5	15.5
	550	23.1	12.9	22.7	15.9
	620	23.0	12.9	23.2	14.6
	650	23.1	12.9	23.3	15.3
	720	23.0	12.7	23.1	15.5
	750	23.2	13.0	23.1	13.7
	820	23.2	12.2	23.1	13.5
	850	23.1	12.6	22.7	13.3
	920	23.1	12.4	22.7	13.5
	950	23.2	12.5	23.3	14.3
	1020	23.3	12.5	23.7	14.0
	1050	23.3	12.4	22.8	15.0
	1141	23.5	12.8	24.6	12.5
	1211	23.3	12.9	22.7	13.1
	1241	23.2	13.2	22.8	13.4
	1311	23.1	14.3	23.0	14.4
	1341	23.3	13.9	22.7	14.1
	1411	23.4	13.8	23.5	13.8
	1441	23.4	14.0	23.0	14.1
	1511	23.3	14.4	23.3	14.4
	1541	23.3	14.3	23.1	14.4
	1611	23.3	13.5	22.8	13.7
	1641	23.3	13.4	22.9	13.6
	1711	23.3	14.8	23.1	15.0
	1741	23.2	14.9	22.6	15.2
	1811	23.3	14.5	22.9	14.7
	1841	23.3	13.7	23.0	13.9
	1911	23.5	13.2	22.9	13.5
	1941	23.4	13.2	22.7	13.5
	2011	23.5	13.1	22.7	13.4
	2041	23.4	13.0	23.4	13.1
	2111	23.5	13.2	23.4	13.3
	2141	23.6	13.1	23.2	13.3
	2211	23.4	13.1	23.3	13.2
	2241	23.4	13.0	23.0	13.2
	2311	23.4	12.9	22.7	13.2
	2341	23.3	12.8	23.4	12.9

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
6/26/74	11	23.3	13.2	22.4	13.6
	41	23.3	13.4	22.6	13.6
	111	23.1	14.1	23.0	14.2
	141	23.1	13.9	22.6	14.1
	211	23.2	13.6	22.5	13.9
	241	23.3	14.0	22.5	14.3
	311	23.3	13.9	22.5	14.2
	341	23.3	13.8	22.6	14.1
	411	23.3	13.6	22.9	13.8
	441	23.2	13.4	22.6	13.7
	511	23.3	14.2	22.5	14.5
	541	23.3	14.1	22.3	14.5
	611	23.3	13.6	22.4	14.0
	641	23.2	13.5	22.7	13.7
	711	23.1	13.4	22.2	13.7
	741	23.1	13.4	22.6	13.6
	811	23.0	13.2	22.5	13.4
	841	23.0	13.2	22.4	13.5
	911	23.1	13.1	22.5	13.4
	941	23.1	13.1	22.3	13.4
	1011	23.1	13.0	22.4	13.3
	1041	23.0	13.0	22.3	13.3
	1111	23.0	13.0	22.5	13.3
	1141	23.1	13.0	22.5	13.3
	1211	23.1	13.0	22.4	13.3
	1241	23.1	13.1	23.1	13.1
	1311	22.9	13.6	22.4	13.8
	1341	23.1	14.0	22.4	14.3
	1411	23.2	14.1	22.4	14.4
	1441	23.1	14.0	22.7	14.2
	1511	23.1	13.9	22.9	14.1
	1541	23.2	14.2	22.5	14.5
	1611	23.1	14.2	22.4	14.5
	1641	22.9	13.5	22.4	13.8
	1711	22.9	13.6	22.4	13.9
	1741	23.0	13.4	22.2	13.7
	1811	23.2	14.7	22.4	15.0
	1841	23.2	15.1	22.3	15.5
	1911	23.2	15.2	22.2	15.6
	1941	23.2	14.7	22.3	15.0
	2011	23.1	13.9	22.3	14.3
	2041	23.0	13.6	22.4	13.8
	2111	22.9	13.4	22.4	13.7
	2141	22.7	13.3	22.4	13.4
	2211	22.9	13.4	22.3	13.6
	2241	23.0	13.5	22.3	13.8
	2311	22.9	13.4	22.2	13.7
	2341	22.8	13.4	22.1	13.7

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES CF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
6/27/74	11	22.8	13.3	22.0	13.6
	41	22.7	13.3	22.0	13.6
	111	22.9	13.4	22.0	13.7
	141	22.8	13.8	22.3	14.1
	211	22.8	13.7	22.3	13.9
	241	22.7	13.9	22.2	14.1
	311	22.9	14.3	22.0	14.6
	341	22.9	14.0	22.1	14.3
	411	23.0	14.3	22.0	14.7
	441	22.9	13.8	22.1	14.1
	511	22.9	14.0	22.4	14.3
	541	22.9	13.9	22.1	14.2
	611	23.2	15.0	22.3	15.4
	641	23.2	14.8	22.2	15.2
	711	23.1	14.4	22.3	14.7
	741	22.1	13.5	22.1	13.5
	811	22.4	13.5	22.0	13.7
	841	22.4	13.6	21.9	13.8
	911	22.8	13.9	22.2	14.2
	941	22.5	13.6	22.1	13.8
	1011	22.5	13.5	21.8	13.8
	1041	22.5	13.5	21.9	13.8
	1111	22.5	13.5	21.6	13.8
	1141	22.5	13.5	21.6	13.9
	1211	22.5	13.5	21.7	13.8
	1241	22.5	13.5	21.8	13.8
	1311	22.4	13.5	21.6	13.8
	1341	22.3	13.6	21.4	14.0
	1411	22.5	13.7	21.6	14.0
	1441	22.5	13.9	21.6	14.3
	1511	22.4	13.9	21.7	14.2
	1541	22.4	13.8	21.8	14.1
	1611	22.3	13.8	21.9	14.0
	1641	22.5	13.9	21.7	14.2
	1711	22.6	14.1	21.8	14.4
	1741	22.5	14.1	21.8	14.4
	1811	22.3	14.0	21.9	14.2
	1841	22.7	14.3	22.0	14.6
	1911	22.6	14.2	22.1	14.5
	1941	23.0	15.1	22.0	15.5
	2011	22.8	14.7	22.0	15.1
	2041	22.6	14.4	21.8	14.7
	2111	22.5	14.2	21.7	14.6
	2141	22.4	14.1	21.5	14.5
	2211	22.3	14.1	21.4	14.5
	2241	22.3	14.3	21.4	14.7
	2311	22.4	14.4	21.4	14.8
	2341	22.3	14.4	21.5	14.8

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
6/28/74	11	22.3	14.4	21.2	14.8
	41	22.3	14.4	21.4	14.7
	111	22.3	14.3	21.4	14.7
	141	22.3	14.3	21.1	14.8
	211	22.3	14.3	21.3	14.7
	241	22.2	14.3	21.4	14.6
	311	22.1	14.1	21.3	14.5
	341	22.0	14.1	21.2	14.4
	411	21.5	13.9	21.0	14.1
	441	21.2	13.7	20.3	14.1
	511	21.9	14.1	21.0	14.5
	541	22.1	14.1	21.1	14.6
	611	22.2	14.2	21.4	14.6
	641	22.2	14.3	21.4	14.7
	711	22.1	14.2	21.4	14.5
	741	22.2	14.3	21.3	14.7
	811	22.3	14.3	21.2	14.7
	841	22.1	14.2	21.4	14.6
	911	22.1	14.2	21.4	14.5
	941	21.9	14.1	21.3	14.4
	1011	21.7	13.9	21.1	14.2
	1041	21.6	13.9	20.7	14.3
	1111	21.5	13.9	20.6	14.3
	1141	22.0	14.0	20.8	14.5
	1211	22.0	14.0	20.8	14.5
	1241	22.1	14.0	20.9	14.4
	1311	22.0	14.0	21.0	14.4
	1341	22.1	14.0	21.0	14.4
	1411	22.1	14.0	21.1	14.4
	1441	22.0	14.0	21.2	14.3
	1511	21.8	13.9	20.8	14.3
	1541	21.9	14.0	20.6	14.5
	1611	21.1	13.7	20.4	14.0
	1641	21.0	13.6	20.2	14.0
	1711	21.2	13.8	20.4	14.1
	1741	21.4	13.8	20.3	14.3
	1811	21.6	13.9	20.6	14.3
	1841	21.7	13.9	20.7	14.4
	1911	21.9	14.0	20.6	14.5
	1941	21.9	14.0	20.6	14.5
	2011	21.9	14.0	20.6	14.5
	2041	21.6	13.9	20.6	14.3
	2111	21.5	13.9	20.5	14.3
	2141	21.8	13.9	20.8	14.3
	2211	21.9	13.9	20.8	14.3
	2241	21.9	13.7	20.6	14.2
	2311	21.9	13.8	21.0	14.1
	2341	21.6	13.6	20.7	14.0

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
6/29/74	11	21.6	13.5	20.3	14.0
	41	21.7	13.5	20.2	14.1
	111	21.6	13.4	20.2	14.0
	141	21.5	13.4	20.2	13.8
	211	21.5	13.3	20.5	13.6
	241	21.3	13.2	20.2	13.6
	311	21.0	13.3	19.7	13.8
	341	21.3	13.4	20.3	13.8
	411	21.2	13.5	20.0	13.9
	441	21.2	13.5	20.1	13.9
	511	21.2	13.5	19.9	14.0
	541	21.3	13.6	20.2	14.1
	611	21.3	13.6	20.2	14.1
	641	21.5	13.6	20.2	14.1
	711	21.4	13.6	20.2	14.1
	741	21.5	13.6	20.1	14.2
	811	21.5	13.7	20.8	14.0
	841	21.3	13.6	20.7	13.8
	911	21.5	13.6	20.7	14.0
	941	21.3	13.4	20.6	13.7
	1011	21.4	13.4	20.2	13.9
	1041	21.7	13.4	20.2	13.9
	1111	21.7	13.4	20.3	13.9
	1141	22.0	13.4	20.2	14.0
	1211	22.0	13.3	20.5	13.8
	1241	22.0	13.2	20.4	13.8
	1311	21.7	13.1	20.2	13.6
	1341	22.0	13.1	20.2	13.8
	1411	21.5	12.9	20.2	13.4
	1441	21.9	13.0	20.2	13.5
	1511	21.9	13.0	20.2	13.6
	1541	21.6	13.1	20.3	13.5
	1611	21.4	13.4	20.3	13.8
	1641	21.5	13.3	20.3	13.7
	1711	22.0	13.6	20.9	14.0
	1741	21.7	13.4	20.6	13.8
	1811	21.6	13.6	20.6	14.0
	1841	21.7	13.6	20.6	14.1
	1911	21.8	13.5	20.6	14.0
	1941	21.8	13.6	20.6	14.0
	2011	21.9	13.4	20.4	13.9
	2041	21.9	13.4	20.5	14.0
	2111	21.7	13.6	20.7	14.0
	2141	21.9	13.4	20.7	13.8
	2211	21.8	13.4	20.6	13.9
	2241	21.8	13.4	20.6	13.9
	2311	22.3	13.2	20.5	13.8
	2341	21.9	13.0	20.4	13.5

LOCATION 1 RAPPAHANNOCK RIVER NURRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
6/30/74	11	21.6	13.7	20.5	14.1
	41	21.8	12.9	20.4	13.4
	111	21.6	13.2	20.4	13.7
	141	21.5	13.0	20.4	13.4
	211	21.4	12.8	20.5	13.2
	241	21.6	13.0	20.5	13.4
	311	21.5	13.0	20.4	13.4
	341	21.5	13.1	20.5	13.4
	411	21.5	13.2	20.6	13.5
	441	21.4	13.1	20.5	13.4
	511	21.5	13.3	20.4	13.7
	541	21.7	13.4	20.6	13.8
	611	21.5	13.4	20.4	13.8
	641	21.5	13.5	20.4	13.9
	711	21.5	13.4	20.2	13.9
	741	21.5	13.4	20.3	13.9
	811	21.6	13.5	20.4	13.9
	841	21.7	13.4	20.6	13.8
	911	21.7	13.6	20.6	14.0
	941	21.7	13.3	20.6	13.7
	1011	21.9	13.2	20.4	13.7
	1041	22.1	13.1	20.5	13.7
	1111	22.1	13.1	20.5	13.7
	1141	22.2	13.1	20.4	13.7
	1211	21.9	13.1	20.3	13.7
	1241	21.9	13.0	20.4	13.5
	1311	22.5	13.0	20.3	13.8
	1341	22.8	13.0	20.6	13.7
	1411	22.6	12.9	20.5	13.6
	1441	21.8	13.0	20.5	13.5
	1511	21.9	13.0	20.6	13.4
	1541	21.9	12.9	20.5	13.4
	1611	22.5	12.9	20.4	13.6
	1641	22.6	13.0	20.6	13.7
	1711	21.9	13.3	20.4	13.8
	1741	22.0	13.5	20.7	14.0
	1811	22.1	13.4	20.9	13.9
	1841	22.3	13.4	21.0	13.8
	1911	22.1	13.5	20.8	14.0
	1941	22.1	13.5	20.8	14.0
	2011	21.9	13.5	20.6	14.0
	2041	22.1	13.5	20.6	14.0
	2111	22.2	13.4	20.5	14.0
	2141	22.3	13.4	20.4	14.1
	2211	22.4	13.6	20.4	14.3
	2241	22.5	13.3	20.6	14.0
	2311	22.3	13.3	20.7	13.9
	2341	22.2	13.3	20.6	13.9

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
7/ 1/74	11	22.1	13.3	20.7	13.8
	41	22.1	13.3	20.7	13.8
	111	22.0	13.3	20.6	13.8
	141	21.9	13.3	20.5	13.8
	211	21.9	13.2	20.6	13.7
	241	21.9	13.1	20.9	13.5
	311	22.0	13.0	20.7	13.5
	341	22.1	13.0	20.7	13.5
	411	22.0	13.0	20.6	13.5
	441	22.1	13.1	20.6	13.6
	511	22.0	13.1	20.6	13.6
	541	22.0	13.4	20.7	13.8
	611	22.0	13.3	20.6	13.8
	641	21.9	13.4	20.6	13.9
	711	21.9	13.4	20.6	13.9
	741	21.9	13.4	20.7	13.9
	811	22.0	13.4	20.8	13.9
	841	21.9	13.5	20.7	14.0
	911	22.0	13.4	20.6	13.9
	941	22.0	13.3	20.6	13.8
	1011	21.9	13.6	20.5	14.2
	1041	22.1	13.3	20.4	13.9
	1111	22.1	13.3	20.6	13.8
	1141	22.2	13.3	20.5	13.9
	1211	22.3	13.3	20.8	13.9
	1241	22.5	13.3	21.0	13.8
	1311	22.5	13.2	20.9	13.8
	1341	22.8	13.2	21.0	13.9
	1411	22.7	13.2	21.0	13.8
	1441	22.8	13.2	21.2	13.7
	1511	22.9	13.2	21.5	13.7
	1541	22.9	13.2	21.4	13.7
	1611	22.8	13.2	20.7	13.9
	1641	22.9	13.2	20.8	13.9
	1711	23.7	13.2	20.9	14.1
	1741	22.6	13.3	20.9	13.9
	1811	22.6	13.4	21.2	13.9
	1841	22.5	13.4	21.3	13.9
	1911	22.4	13.5	21.0	14.0
	1941	22.5	13.4	21.1	13.9
	2011	22.5	13.4	21.0	13.9
	2025	22.6	13.3	21.2	13.9
	2158	21.9	12.8	20.0	13.5
	2228	22.5	13.3	20.4	14.0
	2258	22.6	13.2	20.6	13.9
	2313	22.6	13.2	20.7	13.8
	2314	22.6	13.1	20.6	13.8
	2315	22.6	13.1	20.8	13.7
	2345	22.6	13.0	21.1	13.5

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
7/ 2/74	15	22.6	13.2	20.6	13.9
	45	22.7	13.1	20.6	13.9
	115	22.3	13.5	20.6	14.1
	145	22.0	13.9	20.7	14.4
	215	22.6	13.3	20.7	13.9
	245	22.7	13.3	20.8	14.0
	315	22.5	13.4	20.8	14.0
	345	22.5	13.3	20.9	13.9
	415	22.3	13.3	20.8	13.9
	445	22.3	13.4	20.8	13.9
	515	22.3	13.3	20.9	13.9
	545	22.7	12.9	20.9	13.5
	615	22.6	12.8	21.1	13.3
	645	22.3	13.2	20.9	13.7
	715	22.3	13.3	21.0	13.8
	745	22.3	13.3	21.0	13.7
	815	22.3	13.3	21.1	13.8
	845	22.4	13.3	21.3	13.7
	959	23.2	14.0		15.4
	1029	23.7	13.7		16.0
	1059	24.2	13.4		15.6
	1129	24.2	13.4		15.6
	1159	24.8	13.3		15.1
	1229	24.8	13.7		15.0
	1259	24.8	13.4		14.7
	1329	25.3	13.8		15.0
	1359	25.3	12.7		14.8
	1429	25.8	12.5		14.5
	1459	24.3	13.2		14.5
	1529	25.4	13.0		14.0
	1559	23.7	12.8		13.7
	1629	24.3	13.6		14.7
	1659	24.3	13.4		14.9
	1729	24.8	12.8		15.0
	1759	25.3	13.1		14.8
	1829	25.0	13.5		14.6
	1859	24.6	13.5		14.4
	1929	25.0	14.4		14.0
	1959	24.8	13.1		14.4
	2029	24.5	13.8		14.3
	2059	24.5	13.4		15.5
	2129	24.9	14.1		15.5
	2159	24.6	13.2		15.9
	2229	24.6	13.7		15.7
	2259	24.4	13.3		16.0
	2329	25.4	13.0		16.0
	2359	25.2	13.4		15.5

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
7/ 3/74	29	25.1	13.1		15.0
	59	24.8	13.5		14.8
	129	24.8	14.0		15.0
	159	25.4	12.9		14.2
	229	24.8	13.6		14.2
	259	24.9	13.3		14.1
	329	25.1	12.9		13.7
	359	25.0	13.0		14.0
	429	24.5	13.3		13.7
	459	24.7	13.3		14.4
	529	25.0	13.1		14.6
	559	24.6	12.9		15.0
	629	24.8	13.4		14.6
	659	24.8	13.2		15.1
	729	25.4	13.2		14.8
	759	25.4	13.4		15.0
	829	24.2	14.0		14.8
	859	24.7	13.4		14.5
	929	24.6	13.9		14.6
	959	25.7	13.3		14.8
	1029	25.1	13.3		15.3
	1059	24.9	13.2		15.4
	1129	25.7	13.5		15.3
	1159	25.7	13.5		15.4
	1229	26.0	13.2		15.3
	1259	26.6	13.0		14.4
	1329	26.2	12.8		14.9
	1359	26.5	12.7		14.2
	1429	27.1	12.6		13.9
	1459	27.8	12.5		14.2
	1529	26.0	12.9		14.3
	1559	26.0	12.7		14.1
	1629	26.1	11.8		14.3
	1659	25.7	13.0		14.3
	1729	25.8	12.9		14.5
	1759	24.4	12.4		14.8
	1829	25.6	12.8		14.7
	1859	24.4	13.0		14.4
	1929	24.6	13.2		14.6
	1959	25.6	12.7		14.3
	2029	24.5	13.2		14.2
	2059	24.2	13.4		14.5
	2129	24.6	13.3		14.7
	2159	24.5	13.4		14.3
	2229	24.6	13.0		14.7
	2259	25.8	12.8		14.5
	2329	25.7	12.6		14.7
	2359	24.1	13.6		15.7

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
7/ 4/74	29	24.1	14.1		15.9
	59	25.6	12.9		15.9
	129	25.8	12.8		14.7
	159	25.6	12.9		15.7
	229	25.7	12.6		14.6
	259	26.4	12.7		14.2
	329	26.8	12.5		14.4
	359	26.4	12.7		14.2
	429	26.4	13.1		14.0
	459	26.0	12.7		14.3
	529	26.1	13.3		13.9
	559	26.0	13.5		14.1
	629	24.9	13.6		14.0
	659	25.9	13.3		14.2
	729	26.4	12.8		14.6
	759	25.8	13.1		14.3
	829	25.2	13.3		14.4
	859	25.6	13.2		14.5
	929	25.0	13.9		14.7
	959	25.2	13.6		14.6
	1029	26.1	12.9		14.7
	1059	26.6	13.2		14.9
	1129	26.0	13.4		15.3
	1159	26.3	13.2		15.3
	1229	27.5	13.2		15.7
	1259	27.4	13.2		15.2
	1329	27.8	12.7		14.8
	1359	27.2	13.1		14.9
	1429	27.0	12.7		15.2
	1459	26.6	12.7		14.4
	1529	27.4	12.6		13.8
	1559	27.7	12.5		13.9
	1629	27.5	12.4		14.2
	1659	27.3	12.3		14.0
	1729	27.4	12.6		14.3
	1759	26.0	12.7		13.9
	1829	25.9	12.0		14.1
	1859	25.8	12.7		13.9
	1929	26.0	12.7		14.5
	1959	26.2	12.9		14.0
	2029	25.8	14.0		14.0
	2059	26.0	12.6		13.8
	2129	25.8	13.0		13.9
	2159	26.3	12.7		15.1
	2229	25.5	13.7		14.2
	2259	25.5	13.1		14.7
	2329	26.2	13.9		14.7
	2359	26.0	13.8		15.5

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
7/ 5/74	29	26.3	13.9		15.6
	59	25.7	13.0		15.6
	129	26.2	12.8		15.2
	159	26.2	13.2		14.1
	229	25.9	13.6		13.8
	255	26.5	13.2		14.0
	329	26.5	13.1		13.5
	359	26.6	13.1		13.4
	429	26.4	13.2		13.3
	459	26.5	13.3		13.4
	529	25.8	13.0		13.9
	559	26.8	13.0		14.2
	629	26.6	13.0		14.4
	659	26.6	12.9		14.7
	729	26.3	13.0		14.5
	759	26.4	13.3		14.7
	829	26.5	13.1		14.2
	859	26.8	13.6		14.2
	929	25.4	13.9		14.5
	959	25.1	14.0		14.6
	1029	25.8	13.7		13.8
	1059	25.4	14.1		14.5
	1129	24.9	13.8		14.8
	1159	26.0	13.9		14.8
	1229	26.2	13.8		14.5
	1259	25.9	13.8		14.5
	1329	24.3	14.4		15.5
	1359	26.7	13.6		15.5
	1429	27.1	13.3		15.2
	1459	27.3	13.3		15.1
	1529	27.2	13.2		14.1
	1559	27.1	13.4		13.8
	1629	27.4	13.1		13.3
	1659	27.1	13.1		13.4
	1729	27.2	12.6		13.5
	1743	27.4	13.2		13.3
	1748	27.2	12.4		13.2
	1749	25.9	12.9		13.3
	1818	26.2	12.8		13.3
	1848	25.9	12.7		14.3
	1918	26.6	13.5		14.9
	1948	27.8	13.1		14.3
	2018	27.2	13.3		15.1
	2048	26.4	13.3		14.9
	2118	25.7	14.1		14.8
	2148	26.8	13.5		15.0
	2218	26.2	13.9		14.1
	2248	25.8	13.6		14.6
	2318	25.4	13.6		14.7

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
7/ 6/74	18	25.4	13.7		14.8
	48	25.5	13.9		15.2
	118	26.4	13.4		15.6
	148	26.1	13.6		14.9
	218	26.4	13.9		15.0
	248	26.2	13.4		14.3
	318	25.7	13.2		14.2
	348	25.4	13.5		14.1
	418	25.7	13.6		14.0
	448	26.3	12.9		13.7
	518	25.8	13.0		13.7
	548	26.8	13.3		13.9
	618	26.7	13.0		13.8
	648	26.0	13.1		14.1
	718	26.0	13.1		14.2
	748	25.1	13.9		14.4
	818	25.6	13.2		14.2
	848	25.2	14.1		14.6
	918	26.3	13.7		14.8
	948	26.9	13.9		14.9
	1018	24.4	14.3		14.5
	1048	25.4	13.9		14.5
	1118	25.9	14.0		14.5
	1148	26.0	13.9		15.0
	1218	25.3	14.4		15.2
	1248	25.8	13.7		14.8
	1318	26.0	13.2		15.7
	1348	25.9	13.7		16.0
	1418	26.7	13.5		14.8
	1448	26.4	13.6		14.7
	1518	26.4	13.6		14.8
	1548	26.6	13.2		14.8
	1618	26.1	13.5		15.0
	1648	27.0	13.8		14.1
	1718	26.2	13.1		13.5
	1748	26.8	13.1		15.3
	1818	26.4	12.9		15.2
	1848	25.8	13.3		14.1
	1918	26.1	13.9		15.5
	1948	25.8	13.6		15.3
	2018	25.6	13.7		15.7
	2048	25.9	13.8		15.3
	2118	25.7	13.6		15.3
	2148	25.9	13.7		15.4
	2218	24.4	14.4		14.8
	2248	25.5	14.1		15.6
	2318	26.2	14.3		16.1
	2348	25.5	14.3		16.0

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
7/ 7/74	18	24.7	14.9		16.4
	48	26.4	14.4		16.3
	118	26.8	13.4		16.6
	148	25.6	13.8		16.2
	218	25.1	14.0		15.8
	248	25.9	13.9		14.6
	318	26.3	13.3		14.9
	348	25.8	13.6		15.2
	418	25.8	13.2		15.8
	448	25.8	13.7		13.7
	518	26.0	13.3		15.4
	548	26.0	13.1		15.2
	618	25.4	14.0		15.4
	648	25.9	13.0		15.7
	718	26.0	13.5		14.8
	748	25.6	13.5		15.4
	818	25.5	13.4		16.0
	848	25.8	13.6		15.3
	918	26.1	13.0		15.4
	948	26.2	13.3		15.4
	1018	25.2	13.9		14.9
	1048	25.4	13.9		14.8
	1118	25.2	14.4		16.5
	1148	25.8	14.4		16.5
	1218	25.9	14.5		16.1
	1248	24.6	14.6		17.0
	1318	25.6	14.7		16.6
	1348	25.5	14.3		16.1
	1418	26.8	13.7		16.3
	1448	26.9	13.6		15.8
	1518	26.8	13.7		15.5
	1548	26.4	13.6		15.9
	1618	26.2	12.8		16.0
	1648	25.6	13.0		16.1
	1718	26.0	13.0		13.9
	1748	25.6	13.9		13.6
	1818	26.2	13.5		15.5
	1848	26.0	12.8		15.2
	1918	24.9	14.1		14.9
	1948	25.9	13.6		14.1
	2018	25.8	13.6		14.4
	2048	25.5	13.8		15.1
	2118	25.5	13.9		14.9
	2148	25.6	13.8		15.8
	2218	24.6	14.8		15.5
	2248	25.0	14.7		16.2
	2318	27.7	13.3		16.5
	2348	25.2	14.7		16.8

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
7/ 8/74	19		14.2		16.5
	49		15.2		16.6
	119		14.8		16.5
	149		13.6		16.8
	219		13.5		16.7
	249		13.4		16.4
	319		13.9		16.2
	349		13.3		15.6
	419		13.2		15.6
	449		13.7		14.7
	519		13.2		14.0
	549		13.3		14.5
	619		12.9		14.5
	649		12.9		15.0
	719		12.8		14.3
	749		13.1		14.5
	819		12.8		15.0
	849		12.8		15.3
	919		13.1		15.9
	949		12.6		15.5
	1019		13.3		15.5
	1049		13.3		15.6
	1119		13.4		16.1
	1149		14.6		16.2
	1219		14.8		16.2
	1249		14.3		16.0
	1319		13.8		16.1
	1349		13.3		15.7
	1419		12.7		15.9
	1449		13.2		16.1
	1519		13.2		15.6
	1549		12.8		15.8
	1619		12.9		16.8
	1649		12.1		16.6
	1719		12.5		15.8
	1749		13.6		15.2
	1819		12.8		15.9
	1849		12.6		16.0
	1919		12.4		15.5
	1949		12.3		15.4
	2019		13.8		15.8
	2049		13.6		15.5
	2119		13.7		15.8
	2149		13.3		15.7
	2219		13.0		15.7
	2249		14.3		16.9
	2319		13.9		15.6
	2349		14.1		15.7

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
7/ 9/74	19		14.4		17.0
	49		14.7		15.9
	119		14.7		16.6
	149		14.6		16.2
	219		13.7		16.1
	249		13.5		16.2
	319		13.5		16.3
	349		13.4		15.7
	419		12.7		15.7
	449		13.1		16.3
	519		12.6		15.8
	549		12.9		16.2
	619		12.5		16.0
	649		12.5		15.5
	719		12.5		15.3
	749		12.4		15.0
	819		12.8		15.1
	919		12.5		15.8
	949		12.4		15.9
	1013		12.7		16.2
	1043		12.6		16.4
	1113		12.8		15.9
	1143		14.0		16.0
	1213		14.2		16.6
	1243		14.4		16.3
	1313		15.0		16.1
	1343		14.0		16.5
	1413		14.3		16.5
	1443		13.1		16.6
	1513		13.5		16.5
	1543		13.0		16.7
	1613		13.2		16.7
	1643		13.7		16.9
	1713		12.9		16.8
	1743		13.3		16.7
	1813		13.2		15.9
	1843		14.0		15.7
	1913		13.0		15.9
	1943		13.2		15.7
	2013		14.0		15.5
	2043		13.5		15.2
	2113		13.5		15.8
	2143		13.7		16.6
	2213		13.0		15.4
	2243		14.0		16.0
	2313		14.5		15.8
	2343		13.8		16.6

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
7/10/74	13		14.0		15.4
	43		14.2		15.9
	113		13.7		16.8
	143		14.9		16.8
	213		15.8		16.7
	243		14.2		16.7
	313		13.6		16.0
	343		13.1		16.4
	413		13.5		15.9
	443		13.5		16.2
	513		13.4		15.3
	543		13.1		15.7
	613		12.9		15.8
	643		13.0		15.6
	713		13.0		15.3
	743		13.1		15.9
	813		12.4		15.6
	843		12.6		15.5
	913		12.6		15.4
	943		13.0		16.0
	1013		12.8		15.5
	1043		12.3		16.0
	1113		12.4		15.7
	1143		13.4		15.6
	1213		13.9		15.9
	1243		14.0		16.3
	1313		13.8		16.5
	1343		14.3		16.5
	1413		13.5		16.0
	1443		15.5		16.6
	1513		13.7		16.2
	1543		14.5		16.8
	1613		13.7		17.0
	1643		12.8		17.1
	1713		13.2		17.0
	1743		12.7		16.2
	1813		12.9		15.1
	1843		13.8		15.3
	1913		13.3		14.9
	1943		13.2		15.0
	2013		12.9		15.2
	2043		13.0		14.9
	2113		13.1		15.0
	2143		12.9		15.5
	2213		12.5		15.9
	2243		13.0		15.3
	2313		12.3		16.2
	2343		14.2		15.4

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
7/11/74	13		13.4	23.1	15.4
	43		13.2	23.1	15.3
	113		13.4	23.3	16.2
	143		13.8	23.2	16.1
	213		14.7	22.1	16.5
	243		13.4	22.9	16.6
	313		13.6	22.9	16.6
	343		13.1	23.0	16.4
	413		13.0	23.5	15.8
	443		13.3	23.9	15.9
	513		12.8	23.1	16.4
	543		12.4	23.1	16.2
	613		12.6	23.4	16.0
	643		12.6	23.3	16.1
	713		12.6	23.0	16.4
	743		12.5	23.3	16.1
	813		12.4	24.6	14.5
	843		12.3	23.7	15.5
	913		12.3	23.8	15.5
	943		12.2	23.7	15.5
	1013		12.5	24.0	15.0
	1043		12.1	23.6	15.4
	1113		12.5	23.5	15.3
	1143		12.4	23.5	15.8
	1213		12.8	23.3	15.8
	1243		12.8	23.8	15.7
	1313		13.4	23.6	15.8
	1343		13.6	23.4	16.1
	1413		13.1	23.3	16.1
	1443		13.1	22.9	16.3
	1513		13.6	23.2	16.0
	1543		13.2	23.5	16.2
	1613		13.1	23.3	16.1
	1643		12.6	23.6	15.9
	1713		13.0	23.4	16.1
	1743		13.3	23.4	16.2
	1813		13.1	23.9	15.5
	1843		12.8	24.4	15.3
	1913		12.2	24.2	14.9
	1943		12.7	25.3	14.3
	2013		12.7	25.6	14.0
	2043		12.6	25.6	13.7
	2113		12.6	25.4	14.2
	2143		12.8	24.8	14.7
	2213		12.6	24.3	15.0
	2243		12.3	24.3	14.9
	2313		12.2	24.0	15.1
	2343		12.4	23.7	15.2

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES CF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
7/12/74	13		12.3	23.7	15.3
	43		13.0	24.0	15.0
	113		13.1	24.5	15.0
	143		13.7	24.3	14.8
	213		13.2	23.9	15.5
	243		13.2	23.3	16.2
	313		13.5	23.3	16.5
	343		13.2	23.2	16.4
	413		12.9	23.4	16.4
	443		12.9	23.2	16.3
	513		12.5	24.0	15.8
	543		12.8	23.9	15.5
	613		13.3	24.1	15.5
	643		13.0	24.7	14.7
	713		12.9	25.3	13.5
	742		12.6	25.9	13.2
	813		12.4	24.3	14.9
	843		12.6	24.3	14.5
	913		12.6	24.6	14.3
	943		12.8	24.3	14.8
	1013		12.9	24.7	14.8
	1043		12.6	24.7	14.6
	1113		12.8	24.6	14.8
	1142		13.3	24.4	14.9
	1213		12.2	24.3	14.9
	1243		12.5	24.2	14.8
	1313		13.1	24.5	14.8
	1343		14.1	24.3	14.8
	1413		13.5	24.0	15.6
	1443		13.3	23.7	15.8
	1513		13.3	23.5	16.1
	1543		13.6	23.5	16.2
	1613		12.9	23.4	16.1
	1643		13.0	23.7	16.0
	1713		13.1	23.7	16.0
	1743		13.0	23.6	15.9
	1813		13.1	23.8	15.9
	1843		13.0	23.8	15.8
	1913		13.1	23.9	15.5
	1943		12.8	24.4	15.0
	2013		12.8	24.9	14.2
	2043		13.2	25.2	13.9
	2113		12.9	24.8	14.3
	2143		12.9	25.6	13.8
	2213		12.8	25.5	13.8
	2243		13.2	24.9	14.6
	2313		13.1	25.0	14.5
	2342		12.6	24.4	14.6

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES CF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
7/13/74	13		12.7	24.4	14.6
	43		12.8	24.3	15.1
	113		12.8	24.7	14.4
	143		12.9	24.7	14.7
	213		13.5	24.3	15.2
	243		13.7	24.3	15.4
	313		13.4	23.9	15.8
	343		14.0	23.7	16.2
	413		13.6	23.7	16.2
	443		13.2	23.5	16.2
	513		13.1	23.5	16.1
	543		13.0	23.5	16.0
	613		12.8	24.0	15.9
	643		12.8	24.4	15.5
	713		13.4	24.9	14.5
	743		13.1	24.8	14.2
	813		12.9	25.0	13.2
	843		12.4	25.1	14.2
	913		12.4	24.9	13.2
	943		12.8	25.2	13.0
	1013		12.4	24.7	12.9
	1043		12.8	24.8	12.9
	1113		12.1	24.6	14.4
	1143		13.0	24.7	14.5
	1213		12.3	23.9	15.2
	1243		12.5	24.0	15.5
	1313		12.6	24.5	15.1
	1343		12.9	24.5	14.6
	1413		13.2	24.3	15.2
	1443		13.0	23.8	15.7
	1513		13.3	24.2	14.9
	1543		13.3	24.4	15.1
	1613		12.6	24.1	15.6
	1643		13.2	23.7	15.8
	1713		13.8	23.5	16.3
	1743		13.5	23.5	16.1
	1813		13.1	23.9	15.9
	1843		13.1	24.0	15.8
	1913		13.1	23.9	15.7
	1943		12.9	24.4	15.3
	2013		13.1	24.8	14.3
	2043		13.0	24.6	14.4
	2113		13.0	24.8	14.1
	2143		13.1	25.0	14.1
	2213		12.8	25.3	13.8
	2243		13.4	25.1	13.6
	2313		13.0	24.7	14.7
	2343		13.5	24.5	14.5

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
7/14/74	13		13.7	24.8	14.5
	43		13.5	24.9	14.1
	113		13.3	24.9	14.3
	143		13.0	25.0	14.5
	213		13.1	24.9	14.5
	243		13.9	24.7	14.7
	313		14.0	24.7	14.5
	343		13.9	24.7	14.6
	413		13.6	24.5	14.5
	443		13.5	24.0	15.6
	513		13.4	24.4	15.7
	543		13.1	24.3	15.4
	613		13.3	24.0	15.9
	643		12.8	24.2	15.7
	713		13.3	24.0	15.5
	743		12.9	24.3	14.9
	813		13.0	24.9	14.1
	843		13.1	24.7	13.8
	913		12.8	24.7	13.5
	943		13.8	24.6	13.4
	1013		12.6	24.9	13.4
	1043		13.1	24.7	13.4
	1113		12.5	24.8	13.4
	1143		12.8	24.8	13.5
	1213		13.2	24.4	14.5
	1243		12.4	24.6	14.6
	1313		12.7	24.2	15.0
	1343		12.7	24.4	14.6
	1413		12.6	24.5	14.8
	1443		13.6	25.0	14.6
	1513		13.9	24.9	14.5
	1543		13.2	24.4	14.7
	1613		13.5	24.2	14.8
	1643		13.4	24.4	14.6
	1713		13.9	24.1	14.9
	1743		13.6	24.0	14.8
	1813		13.7	24.4	14.6
	1843		13.2	23.9	15.0
	1913		12.3	23.8	15.1
	1943		13.2	23.7	15.1
	2013		12.3	24.3	14.7
	2043		13.1	24.2	15.0
	2113		13.1	23.9	14.7
	2143		13.4	23.9	14.5
	2213		12.3	24.0	13.6
	2243		13.1	24.0	13.6
	2313		12.3	24.4	14.0
	2343		13.0	24.0	14.3

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
7/15/74	13		13.1	24.0	14.5
	43		13.2	25.0	13.9
	113		12.5	24.9	14.1
	143		13.2	24.4	14.6
	213		13.1	24.6	14.5
	243		13.2	24.4	14.3
	313		13.1	24.6	14.6
	343		13.5	24.6	14.3
	413		13.8	24.7	14.4
	443		13.8	24.8	14.1
	513		13.7	24.7	13.9
	534		13.6	24.8	14.3
	514		13.5	24.4	14.7
	644		13.5	24.4	14.9
	714		13.3	23.9	15.1
	744		13.6	24.3	15.2
	814		13.1	24.2	14.9
	844		13.4	24.3	15.0
	914		13.7	24.8	14.3
	944		13.2	25.2	13.0
	1014		12.9	25.7	13.3
	1044		13.0	25.2	13.6
	1114		12.7	25.1	13.4
	1144		13.0	25.4	13.3
	1214		12.9	25.3	13.5
	1244		13.2	25.1	13.2
	1314		12.8	24.7	14.0
	1344		12.8	24.5	14.1
	1414		12.7	24.6	14.2
	1444		12.5	24.8	14.2
	1514		13.6	24.1	14.5
	1544		13.8	24.2	14.6
	1614		13.6	24.0	14.4
	1644		13.5	23.9	13.6
	1714		13.1	24.0	13.6
	1744		14.1	24.0	14.3
	1814		13.1	24.0	14.7
	1844		13.8	24.4	14.6
	1914		12.5	24.1	15.1
	1944		13.0	24.3	14.8
	2014		13.1	23.8	14.8
	2044		13.1	24.0	14.7
	2114		12.3	23.9	14.9
	2144		13.1	24.5	14.2
	2214		13.5	24.6	14.3
	2244		13.3	25.4	13.1
	2314		13.3	25.3	13.8
	2344		13.5	25.2	13.8

LOCATION 1 RAPPAHANNOCK RIVER NURRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
7/16/74	14		13.5	25.2	13.6
	44		13.2	25.2	13.6
	114		13.2	25.1	13.6
	144		13.5	25.1	13.9
	214		13.1	25.2	13.6
	244		13.0	25.2	13.6
	314		12.8	25.5	13.5
	344		13.3	24.8	13.8
	414		13.4	24.6	14.2
	444		13.5	24.9	13.9
	514		13.6	24.7	14.3
	544		13.9	23.9	15.2
	614		13.3	24.2	15.1
	644		13.1	23.8	15.2
	714		13.6	24.4	15.1
	744		13.2	23.9	15.3
	814		13.3	23.9	15.4
	844		13.3	23.8	15.3
	954	26.0	14.0	24.2	15.2
	1023	26.8	13.7	24.4	14.7
	1053	27.2	13.3	24.6	14.5
	1123	28.0	13.1	25.2	13.5
	1153	27.2	13.2	25.6	13.6
	1223	27.6	13.0	25.2	13.4
	1253	27.5	13.3	25.4	13.4
	1323	27.2	13.5	25.6	13.3
	1353	27.5	13.6	25.5	13.2
	1423	28.7	12.6	25.2	13.6
	1453	28.9	13.2	25.2	13.8
	1523	29.0	13.2	24.6	14.4
	1553	29.2	12.9	24.3	14.7
	1623	27.4	13.1	24.8	14.4
	1653	28.3	13.6	24.8	14.2
	1723	27.6	13.6	24.8	14.2
	1753	27.8	13.6	25.2	13.9
	1823	27.6	13.5	25.5	13.6
	1853	28.2	13.2	25.2	14.0
	1923	28.3	13.6	24.8	14.4
	1953	28.7	13.3	24.8	14.3
	2023	28.2	13.5	24.0	15.0
	2053	28.4	13.0	24.4	15.1
	2123	27.8	13.8	24.2	15.1
	2153	28.4	12.5	24.2	15.3
	2223	28.3	12.4	24.6	14.8
	2253	28.0	12.9	25.4	14.0
	2323	27.8	13.5	25.4	14.0
	2353	27.2	13.2	25.3	14.1

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
7/17/74	23	28.3	12.9	25.7	13.7
	53	28.1	13.1	26.1	13.3
	123	27.3	13.5	25.3	13.6
	153	27.8	13.0	25.5	13.5
	223	27.8	13.7	25.2	13.9
	253	27.5	13.2	24.8	14.2
	323	27.6	13.2	25.0	14.1
	353	27.8	13.1	24.9	14.0
	423	27.6	13.6	24.7	14.1
	453	27.6	13.4	25.0	14.0
	523	28.6	13.3	24.9	13.8
	553	27.8	13.2	24.7	14.0
	623	27.2	13.6	25.3	13.9
	653	27.2	14.0	25.2	13.8
	723	27.6	13.5	25.3	13.6
	753	27.6	13.7	24.9	14.5
	823	27.5	13.8	24.9	14.4
	853	27.7	13.7	24.4	14.8
	923	27.9	13.6	24.5	15.0
	953	27.5	13.6	24.1	15.0
	1023	27.2	13.8	24.2	15.2
	1053	27.3	13.4	24.4	14.9
	1123	27.6	13.2	24.9	14.5
	1153	27.6	13.3	25.0	13.9
	1223	28.4	13.6	25.2	13.9
	1253	27.6	13.8	25.0	14.2
	1323	27.7	13.3	24.7	14.4
	1353	27.9	13.3	25.2	14.0
	1423	27.4	13.8	25.2	13.8
	1453	28.2	13.4	25.6	13.7
	1523	28.4	13.5	25.0	14.0
	1553	27.5	14.0	25.2	14.2
	1623	27.8	13.0	24.9	14.0
	1653	28.1	13.4	25.2	14.2
	1723	27.8	13.6	25.0	13.9
	1753	27.6	13.8	25.7	13.7
	1823	28.6	13.5	26.1	13.0
	1853	28.4	13.6	25.8	13.7
	1923	28.2	13.2	25.7	13.1
	1953	27.7	13.4	25.1	14.4
	2023	28.5	13.8	24.4	14.6
	2053	27.9	14.2	24.4	14.9
	2123	28.2	13.4	24.8	14.7
	2153	28.6	13.0	24.1	15.0
	2223	27.3	14.0	24.2	15.2
	2253	26.1	14.5	24.2	14.9
	2323	27.3	13.8	24.9	14.8
	2353	27.7	13.3	25.2	14.1

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

TCP

BOTTOM

DATE	TIME	TEMP	SALINITY	TEMP	SALINITY
7/16/74	23	27.7	13.9	24.4	14.7
	53	26.9	13.8	24.6	14.1
	123	27.6	13.6	24.9	14.1
	153	27.8	13.9	25.3	14.1
	223	27.8	13.8	25.2	14.3
	253	26.9	14.2	25.2	14.0
	323	26.9	14.0	25.0	14.1
	353	26.7	13.8	25.2	14.0
	423	27.5	13.8	25.1	14.0
	453	26.9	13.4	24.8	13.9
	523	27.4	13.5	25.1	13.6
	553	27.0	13.5	24.9	13.9
	623	27.1	14.0	24.9	13.8
	653	26.9	13.9	25.2	13.8
	723	27.6	13.6	24.8	13.8
	753	27.7	14.0	25.8	13.7
	823	26.5	13.5	25.3	13.7
	853	27.0	13.7	25.4	13.8
	923	27.3	13.6	25.0	14.6
	953	27.8	13.3	24.6	15.2
	1023	27.4	13.6	24.5	14.9
	1053	27.7	13.9	24.4	15.3
	1123	27.9	13.5	24.4	15.1
	1153	27.0	14.0	24.3	14.5
	1223	27.7	13.3	25.3	13.9
	1253	28.2	13.4	24.9	14.4
	1323	27.4	13.7	25.1	14.5
	1353	27.7	13.7	24.7	14.1
	1423	27.1	13.9	25.0	14.1
	1453	27.6	14.1	24.8	14.3
	1523	27.2	13.7	25.0	14.3
	1553	27.3	13.9	25.1	13.8
	1623	27.4	13.9	25.2	13.9
	1653	27.6	13.3	24.9	13.9
	1723	27.6	13.5	24.7	14.1
	1753	28.2	13.7	25.1	13.9
	1823	27.6	14.0	25.5	13.8
	1853	27.7	14.0	25.6	13.9
	1923	28.0	13.6	25.2	13.9
	1953	27.9	13.7	25.7	13.8
	2023	28.0	13.4	25.4	13.8
	2053	27.2	13.9	25.1	13.9
	2123	27.8	13.7	26.0	13.0
	2153	27.7	13.4	25.7	13.8
	2223	27.6	13.5	25.2	13.3
	2253	27.1	13.8	25.1	14.0
	2323	27.2	13.8	24.7	14.8
	2353	27.5	13.7	24.5	15.2

LOCATION 1 RAPPAHANNUCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
7/19/74	23	27.6	13.8	24.7	14.7
	53	27.2	13.8	24.8	14.5
	123	27.1	14.3	24.5	14.7
	153	27.4	13.8	24.6	14.6
	223	27.2	14.1	24.8	14.5
	253	27.6	13.5	24.7	14.3
	323	26.8	14.4	24.9	14.3
	353	26.7	13.7	24.8	14.3
	423	27.4	13.8	25.2	14.1
	453	26.9	13.9	25.0	14.3
	523	27.1	13.4	25.2	13.9
	553	26.9	13.7	25.0	13.9
	623	27.0	14.1	25.1	14.3
	653	26.8	13.7	25.1	14.0
	723	27.1	14.0	25.2	13.9
	753	27.1	13.8	24.7	14.2
	823	26.8	13.9	25.2	14.1
	853	27.6	13.6	25.0	13.9
	923	27.4	13.9	24.8	13.9
	953	26.9	13.6	24.9	13.9
	1023	27.3	13.9	24.8	14.2
	1053	27.6	13.7	24.8	14.0
	1123	27.4	13.8	24.9	14.0
	1153	26.5	14.0	25.5	13.8
	1223	27.0	14.1	25.2	14.2
	1253	27.0	14.4	24.5	14.8
	1323	27.8	13.5	25.2	14.3
	1353	27.8	14.1	25.6	14.2
	1423	27.8	14.0	25.7	13.8
	1453	27.2	13.5	25.0	14.2
	1523	28.0	13.3	25.1	14.0
	1553	27.5	13.7	25.4	13.9
	1623	27.6	13.7	25.4	13.9
	1653	27.6	13.6	25.4	13.9
	1723	27.7	13.7	25.7	13.9
	1753	27.8	14.0	25.6	13.9
	1823	27.2	13.3	25.6	13.8
	1853	27.4	13.5	25.4	14.0
	1923	27.8	13.2	25.6	13.8
	1953	27.3	14.1	25.9	13.7
	2023	27.8	13.7	25.8	13.9
	2053	27.6	13.6	25.5	13.1
	2123	27.8	13.7	25.6	14.1
	2153	27.7	13.7	25.3	14.4
	2223	27.5	13.7	25.0	15.5
	2253	27.8	14.1	24.4	16.0
	2323	27.2	14.0	25.2	15.1
	2353	26.7	13.9	25.6	13.9

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
7/20/74	23	26.8	14.1	25.8	13.9
	53	27.3	13.8	25.8	14.0
	123	27.0	13.7	25.6	14.0
	153	27.6	13.5	25.3	14.0
	223	27.4	14.0	25.2	14.0
	253	27.1	13.9	25.6	13.7
	323	26.4	13.9	25.3	13.9
	353	27.4	13.6	25.2	14.1
	423	26.8	14.0	25.9	13.6
	453	27.1	14.0	25.4	13.7
	523	27.1	13.4	25.1	13.8
	553	27.1	13.3	25.1	13.8
	623	27.1	13.4	25.2	13.8
	653	27.1	13.6	25.2	13.9
	723	26.6	13.5	25.0	13.6
	753	27.5	13.3	25.0	13.8
	823	27.2	13.8	25.1	13.6
	853	28.0	13.2	25.1	13.7
	923	27.3	13.7	24.8	13.9
	953	27.2	13.9	25.5	13.6
	1023	27.3	14.0	25.4	13.9
	1053	27.4	14.0	24.8	15.9
	1123	26.8	13.9	24.9	15.8
	1153	27.5	13.5	24.5	16.2
	1223	27.1	14.3	24.6	15.2
	1253	27.8	13.8	25.3	14.4
	1323	27.3	13.6	25.0	14.1
	1353	27.8	13.7	25.4	14.1
	1423	28.3	13.5	25.2	13.8
	1453	27.6	14.0	24.8	14.2
	1523	27.8	13.6	25.6	13.9
	1553	28.2	13.8	25.4	14.0
	1623	27.6	13.9	25.3	14.2
	1653	28.0	13.9	25.5	13.9
	1723	27.7	13.8	25.2	14.1
	1753	27.7	13.5	26.1	13.7
	1823	27.6	13.9	25.9	13.6
	1853	27.5	13.9	25.4	14.0
	1923	28.1	13.3	25.0	14.3
	1953	27.5	13.5	25.4	14.1
	2023	27.4	14.1	25.7	13.8
	2053	27.2	13.8	25.6	13.7
	2123	27.1	13.8	25.5	13.8
	2153	28.0	13.7	25.6	13.8
	2223	27.7	13.9	25.3	14.1
	2253	26.9	14.0	25.0	13.8
	2323	27.4	13.8	25.5	13.8
	2353	27.0	14.0	25.4	14.6

LOCATION 1 RAPPAHANNECK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
7/21/74	23	27.4	13.9	24.7	15.9
	53	27.2	13.8	24.6	15.7
	123	27.4	13.6	25.2	14.1
	153	27.2	14.0	25.3	14.3
	223	27.4	13.9	25.2	14.3
	253	27.8	13.4	25.1	14.4
	323	27.0	14.0	25.1	14.5
	353	26.8	14.1	24.9	14.7
	423	26.7	14.4	25.1	14.9
	453	26.5	13.9	25.0	14.9
	523	26.8	13.8	25.0	14.4
	553	27.1	13.7	24.9	14.2
	623	27.2	13.9	25.3	14.1
	653	26.9	13.8	25.0	14.3
	723	26.8	13.8	25.2	14.4
	753	27.1	13.8	24.9	14.7
	823	26.9	13.9	24.8	14.2
	853	27.0	14.0	24.8	13.9
	923	26.8	14.2	25.0	13.8
	953	26.9	14.1	25.2	14.1
	1023	27.2	14.3	25.2	13.9
	1053	27.4	13.6	24.9	14.1
	1123	27.9	14.2	25.4	14.1
	1153	27.6	13.7	25.0	14.0
	1223	27.5	13.8	25.0	14.2
	1253	27.5	14.0	25.2	14.6
	1323	27.5	13.8	25.2	15.1
	1353	27.6	14.2	24.9	15.6
	1423	28.2	13.7	24.9	14.9
	1453	27.0	13.9	25.0	14.6
	1523	27.2	14.1	25.1	14.7
	1553	26.7	14.1	25.3	14.2
	1623	27.2	13.9	25.2	14.3
	1653	27.6	13.4	25.1	14.8
	1723	27.2	14.5	25.0	15.0
	1753	27.1	13.8	24.7	15.0
	1823	27.4	13.9	24.8	14.9
	1853	27.7	14.0	24.9	14.5
	1923	27.3	13.7	25.3	14.3
	1953	27.5	14.2	25.1	14.2
	2023	27.6	14.1	25.2	14.5
	2053	26.8	14.5	25.3	14.4
	2123	26.7	14.0	25.1	14.5
	2153	26.8	14.3	25.5	13.9
	2223	26.7	14.1	25.0	14.1
	2253	27.1	13.9	25.1	14.0
	2323	26.9	14.0	25.3	14.0
	2353	26.8	14.5	25.1	14.5

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
7/22/74	23	27.1	14.0	24.8	14.8
	53	27.2	14.4	24.7	15.1
	123	26.8	14.0	24.9	14.8
	153	26.4	15.1	25.3	14.9
	223	27.1	15.2	24.7	15.7
	253	26.3	14.3	25.0	15.1
	323	27.1	13.9	24.3	14.7
	353	26.3	14.9	25.0	14.4
	423	26.6	14.2	25.0	14.2
	453	26.1	14.2	24.6	14.3
	523	26.7	13.7	25.1	14.6
	553	26.8	14.1	25.1	14.4
	623	26.7	14.3	24.8	14.5
	653	26.4	13.9	25.0	14.3
	723	26.7	13.9	24.8	14.4
	753	26.4	14.3	24.6	14.1
	823	25.9	14.6	24.8	13.9
	853	26.5	14.0	24.4	14.1
	923	27.2	14.0	24.8	14.1
	953	26.6	14.3	24.7	14.1
	1023	27.0	14.0	25.2	14.2
	1053	27.8	13.9	25.2	14.1
	1123	27.1	14.0	25.6	14.0
	1153	27.2	13.9	24.8	14.3
	1223	27.2	14.0	25.4	13.8
	1253	27.2	14.5	25.0	14.5
	1323	27.4	14.0	25.2	14.5
	1344	27.8	14.4	25.2	14.8
	1424	26.6	14.0	24.6	15.2
	1454	27.2	14.0	24.8	14.8
	1524	26.7	14.9	25.0	15.3
	1554	26.0	13.8	24.7	15.4
	1624	27.7	13.8	25.0	14.9
	1654	27.0	14.1	25.0	14.3
	1724	27.4	14.1	24.8	14.8
	1754	27.0	14.3	25.0	14.8
	1824	27.9	14.2	25.0	14.6
	1854	27.3	14.4	25.0	14.6
	1924	27.9	14.3	25.1	14.3
	1954	26.8	13.9	24.5	14.7
	2024	26.9	14.7	24.8	14.4
	2054	27.2	14.1	25.0	14.3
	2124	27.4	14.1	25.1	14.2
	2154	26.8	14.5	24.9	14.0
	2224	26.8	14.7	24.7	14.3
	2254	27.6	14.5	24.9	14.3
	2324	26.6	14.5	24.9	14.1
	2354	26.6	14.5	24.8	14.2

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
7/23/74	24	26.7	14.5	25.2	14.2
	54	27.2	14.5	24.9	14.1
	124	27.0	13.9	24.8	14.1
	154	26.5	14.3	25.3	13.9
	224	27.5	14.1	24.9	14.2
	254	26.4	14.3	24.9	14.2
	324	27.1	14.3	24.5	15.1
	354	27.6	13.8	24.9	14.7
	424	27.0	14.0	24.8	14.2
	454	26.5	14.3	24.4	14.5
	524	26.3	14.4	24.7	14.3
	554	27.0	14.2	25.0	14.3
	624	26.1	14.6	24.8	14.6
	654	27.0	14.0	25.0	14.2
	724	26.3	13.8	25.0	14.2
	754	26.0	14.4	24.4	14.2
	824	27.0	14.1	24.6	14.0
	944	26.3	14.8	24.8	14.7
	1014	26.7	14.6	25.0	14.3
	1044	25.9	14.2	24.4	14.3
	1114	27.0	14.5	24.8	14.6
	1144	27.3	14.3	25.2	14.6
	1214	26.6	14.6	25.5	14.6
	1244	26.9	14.6	25.1	14.8
	1314	27.0	14.0	25.0	14.5
	1344	27.4	14.5	24.9	14.6
	1414	26.7	14.3	25.4	14.6
	1444	26.5	14.1	25.0	15.0
	1514	27.3	14.3	25.2	14.7
	1544	26.2	15.1	24.6	14.7
	1614	26.6	14.7	24.8	15.5
	1644	27.7	14.7	24.9	15.2
	1714	26.8	14.5	24.8	15.3
	1744	26.4	14.3	24.8	14.8
	1814	26.4	14.5	24.4	15.2
	1844	26.3	14.7	24.7	15.2
	1914	25.9	14.7	24.6	15.2
	1944	26.8	14.0	24.9	14.9
	2014	27.9	13.8	24.7	15.2
	2044	26.5	14.5	25.3	14.7
	2114	26.7	14.2	24.9	14.6
	2144	26.4	14.6	24.6	14.8
	2214	26.8	14.3	24.9	14.6
	2244	26.5	14.0	25.1	14.6
	2314	26.2	14.3	24.8	14.6
	2344	26.1	15.0	24.6	14.8

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BR DGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
7/24/74	14	26.6	14.9	25.6	14.7
	44	26.2	14.1	24.7	14.7
	114	26.6	14.4	24.4	14.7
	144	26.3	14.6	24.4	14.9
	214	25.7	14.8	24.8	14.9
	244	26.0	14.4	24.6	14.8
	314	25.9	14.6	24.5	14.7
	344	26.5	14.9	24.8	14.9
	414	27.0	14.5	24.6	15.0
	444	26.0	14.6	24.6	15.0
	514	26.6	14.5	24.6	15.5
	544	26.0	15.1	25.0	14.9
	614	25.7	14.5	24.6	15.2
	644	26.3	14.2	24.5	15.1
	714	26.0	14.5	24.6	15.1
	744	26.1	14.6	24.6	15.1
	814	26.6	14.0	24.4	14.7
	844	26.4	14.4	24.7	14.6
	914	26.3	14.2	24.5	14.7
	944	25.8	14.9	24.4	14.6
	1014	25.6	14.5	24.4	14.7
	1044	25.8	14.3	24.0	14.6
	1114	25.6	14.3	24.5	14.6
	1144	26.5	13.9	24.2	14.6
	1214	25.4	15.5	24.5	14.9
	1244	25.8	14.8	24.4	14.8
	1314	26.0	14.8	24.3	14.9
	1344	25.9	14.5	24.4	15.0
	1414	26.0	14.3	24.3	15.0
	1444	26.4	14.4	24.4	14.8
	1514	25.7	14.8	24.6	14.7
	1544	25.6	14.6	24.8	14.6
	1614	25.4	14.5	24.4	14.8
	1644	25.4	14.4	24.5	14.8
	1714	25.8	14.9	24.3	14.7
	1744	26.3	14.6	24.6	14.8
	1814	26.0	14.6	24.7	14.9
	1844	25.8	14.3	24.6	14.8
	1914	26.1	14.8	24.5	14.9
	1944	26.5	14.5	24.5	15.2
	2014	25.6	14.7	24.9	15.1
	2044	25.5	14.6	24.6	15.0
	2114	26.3	14.5	24.7	14.8
	2144	25.9	14.3	24.3	14.7
	2214	25.8	13.3	24.4	14.7
	2244	25.8	14.7	24.5	14.7
	2314	26.3	14.0	24.5	14.6
	2344	26.0	14.7	24.6	14.5

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
7/25/74	14	25.5	14.5	24.6	14.8
	44	25.5	14.9	24.0	14.7
	114	26.5	14.4	24.2	14.8
	144	25.2	15.1	24.2	14.8
	214	25.7	14.7	24.4	14.8
	244	25.4	15.3	24.4	14.8
	314	25.5	14.4	24.2	14.8
	344	26.5	14.3	24.3	14.6
	414	25.2	14.5	24.5	14.5
	444	25.4	14.4	24.4	14.8
	514	25.5	14.2	24.6	14.7
	544	25.8	14.6	24.3	14.7
	614	26.0	14.3	24.1	14.8
	644	25.5	14.5	24.0	15.0
	714	25.7	14.8	24.0	14.7
	744	26.0	14.2	24.6	14.9
	814	25.6	14.6	24.2	14.7
	844	25.8	14.2	24.5	14.6
	914	26.1	14.6	24.2	14.7
	944	25.4	14.4	24.3	14.6
	1014	25.4	14.5	24.2	14.6
	1044	27.0	13.9	24.2	14.5
	1114	26.2	14.3	24.2	14.7
	1144	26.6	14.1	24.3	14.6
	1214	26.6	13.9	24.3	14.6
	1244	26.2	14.2	24.6	14.6
	1314	26.4	14.3	24.9	14.6
	1344	26.0	14.4	24.9	14.6
	1414	26.3	14.6	24.7	14.6
	1444	26.6	14.6	24.8	14.8
	1514	26.4	14.3	24.7	14.7
	1544	26.1	14.4	24.5	14.9
	1614	25.9	14.7	24.9	14.7
	1644	26.5	14.1	24.4	16.3
	1714	26.2	14.2	24.6	15.5
	1744	26.9	14.5	24.7	15.0
	1814	26.8	14.2	24.7	15.1
	1844	25.7	14.5	24.8	15.0
	1914	26.8	14.5	24.9	14.9
	1944	25.8	14.4	24.6	14.9
	2014	25.7	14.9	24.4	14.9
	2044	27.4	13.9	24.6	14.8
	2114	25.6	14.5	24.6	15.1
	2144	26.5	14.9	24.5	15.1
	2214	25.9	15.0	24.4	15.2
	2244	26.2	14.9	24.6	15.0
	2314	25.8	14.7	24.4	15.2
	2344	25.8	14.6	24.7	14.9

LOCATION 1 RAPPAHANNECK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
7/26/74	14	26.2	14.1	24.4	15.1
	44	26.6	14.9	24.6	14.8
	114	26.5	14.4	24.4	14.7
	144	25.8	14.5	24.4	14.9
	214	25.6	14.8	24.4	14.8
	244	26.2	15.0	24.6	14.5
	314	26.1	14.7	24.1	14.7
	344	26.2	14.2	24.4	14.7
	414	26.1	14.2	24.7	14.7
	444	25.4	14.6	24.7	14.8
	514	25.7	14.8	25.1	15.4
	544	26.3	14.6	24.6	15.8
	614	26.2	14.6	24.4	15.5
	644	25.7	14.7	24.6	15.2
	714	26.0	14.6	24.3	15.2
	744	25.8	14.7	24.3	15.1
	814	26.8	14.3	24.4	15.2
	844	25.3	14.7	24.2	15.0
	914	25.3	14.5	24.3	15.1
	935	25.6	14.7	24.4	15.1
	959	25.6	14.5	24.3	14.9
	1002	25.3	15.0	24.0	15.1
	1032	25.5	14.5	24.2	14.8
	1102	26.0	14.4	24.4	14.9
	1132	25.8	14.2	24.2	14.6
	1202	25.6	14.8	24.3	14.6
	1232	25.9	14.3	24.1	14.7
	1302	25.9	13.9	24.1	14.6
	1332	25.8	14.0	24.5	14.7
	1402	25.4	14.4	25.0	14.4
	1432	26.0	14.3	24.4	14.5
	1502	25.7	14.8	24.6	14.8
	1532	26.2	14.3	24.3	14.8
	1602	25.6	15.2	24.4	14.8
	1632	25.8	14.4	24.3	14.6
	1702	25.5	14.8	24.5	14.8
	1732	25.7	14.3	24.2	14.9
	1802	26.4	14.4	24.3	15.1
	1832	25.4	14.5	24.5	15.5
	1902	26.5	14.0	24.6	15.5
	1932	26.1	14.9	24.5	15.1
	2002	26.3	14.6	24.5	15.3
	2032	25.7	14.3	24.6	15.0
	2102	25.5	14.3	24.5	15.2
	2132	25.5	14.6	24.4	15.3
	2202	25.4	14.6	24.4	15.1
	2232	25.7	14.7	24.9	15.1
	2302	25.4	15.3	24.7	14.9
	2332	25.6	14.5	24.9	14.7

LOCATION 1 RAPPAHANNECK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
7/27/74	2	26.2	14.2	24.3	14.9
	32	25.6	14.4	24.4	14.6
	102	25.3	14.8	24.4	14.8
	132	25.7	14.8	24.5	14.6
	202	25.7	14.5	24.6	14.5
	232	26.2	14.7	24.4	14.8
	302	25.5	14.7	24.6	14.8
	332	25.2	14.6	24.1	14.8
	402	25.6	14.5	24.2	15.1
	432	25.2	14.9	24.6	14.8
	502	25.8	14.2	24.2	14.6
	532	25.5	15.0	24.1	14.7
	602	25.6	14.3	24.3	15.3
	632	25.5	14.2	24.3	15.5
	702	25.4	14.1	24.3	15.6
	732	25.6	14.3	24.4	14.8
	802	25.3	14.6	24.4	14.8
	832	25.9	14.3	24.2	14.6
	902	25.3	15.0	24.0	14.7
	932	25.5	14.1	24.2	14.5
	1002	25.8	14.0	24.2	14.5
	1032	26.0	14.1	24.0	14.4
	1102	25.7	14.5	24.7	14.4
	1132	25.6	14.6	24.2	14.4
	1202	26.4	14.0	24.3	14.4
	1232	26.2	14.1	24.1	14.5
	1302	26.0	14.3	24.2	14.4
	1332	27.2	13.8	24.4	14.3
	1402	26.1	13.9	24.5	14.4
	1432	26.7	13.8	24.6	14.2
	1502	26.2	14.0	24.3	14.3
	1532	27.6	14.1	25.0	14.6
	1602	27.1	14.1	25.2	14.4
	1632	26.0	14.1	24.4	14.8
	1702	26.1	14.9	24.3	14.5
	1732	26.7	14.1	24.1	14.8
	1802	25.9	14.4	24.6	14.9
	1832	25.7	14.5	24.5	14.8
	1902	27.0	14.1	24.2	15.4
	1932	26.0	14.7	24.3	15.6
	2002	25.8	15.2	24.1	15.0
	2032	26.0	14.1	24.4	14.9
	2102	25.9	14.4	24.3	15.1
	2132	26.4	14.2	24.4	14.8
	2202	26.1	14.1	24.4	14.7
	2232	25.7	14.3	24.6	14.8
	2302	25.8	14.4	24.5	15.0
	2332	26.1	14.6	24.2	15.0

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
7/28/74	2	25.6	14.4	24.3	14.9
	32	26.0	14.1	24.8	14.5
	102	26.0	14.1	24.6	14.5
	132	26.5	14.5	24.4	14.5
	202	26.7	14.0	24.6	14.4
	232	26.3	14.0	24.4	14.6
	302	26.2	14.2	24.4	14.6
	332	26.4	14.1	24.5	14.3
	402	26.2	14.3	24.4	14.5
	432	25.8	14.4	24.3	14.6
	502	26.0	14.0	24.7	14.5
	532	26.7	14.1	24.6	14.5
	602	26.2	13.8	24.6	15.0
	632	25.8	14.6	24.9	15.2
	702	26.5	14.2	24.5	15.4
	732	25.6	14.4	24.9	15.4
	802	25.8	14.1	24.6	15.4
	832	25.9	14.3	24.2	15.6
	902	25.9	14.1	24.2	15.1
	932	26.5	14.1	24.7	14.7
	1002	25.8	14.6	24.4	14.8
	1032	26.1	14.3	24.7	14.3
	1102	26.6	14.1	25.0	14.5
	1132	27.0	14.0	24.3	14.8
	1202	26.9	14.0	24.4	14.8
	1232	26.2	14.7	24.9	14.7
	1302	26.6	13.9	24.7	14.6
	1332	26.2	14.3	24.6	14.4
	1402	26.6	14.0	24.8	14.3
	1432	26.0	14.0	24.6	14.6
	1502	26.6	14.5	24.6	14.5
	1532	26.4	14.4	24.5	14.5
	1602	26.5	13.9	25.1	14.2
	1632	26.5	14.2	25.1	14.4
	1702	26.8	14.3	24.8	14.6
	1732	26.4	14.6	24.9	14.6
	1802	26.2	14.4	24.6	14.8
	1832	25.8	14.4	24.6	14.8
	1902	26.0	14.3	24.8	14.8
	1932	26.6	14.6	24.6	14.9
	2002	25.8	14.6	24.3	15.1
	2032	26.0	14.6	24.3	15.5
	2102	27.2	14.1	24.3	15.3
	2132	26.1	14.3	24.4	15.1
	2202	25.9	14.6	24.8	14.9
	2232	26.0	14.3	24.5	15.0
	2302	25.7	14.4	24.6	14.9
	2332	26.4	14.8	24.7	14.8

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
7/30/74	2	26.5	14.3	24.7	15.0
	32	27.0	13.9	24.8	15.0
	102	26.6	14.2	24.9	14.6
	132	26.2	14.2	24.6	14.7
	202	27.0	14.0	25.0	14.5
	232	26.2	14.5	25.0	14.5
	302	26.0	14.0	25.0	14.3
	332	26.9	14.0	24.8	14.4
	402	26.0	14.5	24.6	14.5
	432	27.3	14.1	25.1	14.3
	502	26.2	14.3	25.0	14.7
	532	26.5	14.9	25.1	14.8
	602	26.3	14.6	25.1	14.6
	632	26.2	14.3	24.6	15.2
	702	26.2	14.4	24.6	15.5
	732	25.9	14.8	24.4	15.4
	802	26.0	14.8	24.6	15.5
	832	26.3	15.1	24.5	15.5
	902	26.6	14.9	25.0	15.3
	932	26.0	14.6	25.0	15.0
	1010	26.3	14.0	23.8	15.1
	1039	26.6	15.0	24.9	14.8
	1109	26.1	14.6	24.9	14.9
	1139	26.5	14.6	25.0	14.8
	1209	26.4	14.6	25.1	14.8
	1239	27.2	14.4	25.1	14.5
	1309	27.6	14.3	25.2	14.6
	1339	27.4	14.5	25.5	14.6
	1409	27.9	14.4	26.3	14.5
	1439	28.5	14.2	26.6	14.5
	1509	29.0	14.4	25.7	14.4
	1539	28.9	14.6	25.6	14.4
	1609	29.0	14.3	25.5	14.7
	1639	27.4	14.0	25.1	14.6
	1709	29.2	14.3	25.4	14.5
	1739	27.2	14.3	25.3	14.6
	1809	26.8	14.7	25.9	14.5
	1839	28.1	14.4	25.7	14.8
	1909	27.6	14.6	25.5	14.4
	1939	27.1	14.5	25.6	14.6
	2009	25.9	14.9	25.0	15.1
	2039	25.9	15.3	25.0	15.1
	2109	27.1	14.5	24.6	15.1
	2139	27.4	14.9	25.2	15.4
	2209	26.2	15.2	24.6	15.7
	2239	27.4	14.6	25.0	15.3
	2309	28.0	14.1	24.9	15.1
	2339	27.1	14.7	25.2	14.8

LOCATION 1 RAPPAHANNECK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
7/29/74	2	26.3	14.4	24.7	14.9
	32	25.8	14.6	24.4	14.9
	102	25.8	14.2	24.6	14.7
	132	25.9	14.2	24.7	14.7
	202	26.2	14.1	24.6	14.4
	232	26.6	14.3	24.6	14.6
	302	25.7	14.4	24.7	14.4
	332	26.0	14.1	25.0	14.3
	402	25.9	14.2	25.0	14.4
	432	26.8	13.7	25.0	14.2
	502	25.9	14.4	24.8	14.3
	532	26.2	14.2	24.6	14.7
	602	25.9	14.2	24.8	14.6
	632	25.8	14.7	24.8	14.6
	702	25.7	14.8	25.0	14.7
	732	25.7	14.9	24.7	15.1
	802	26.0	14.7	24.7	15.2
	832	26.4	14.4	24.4	15.6
	902	26.5	14.8	24.2	15.6
	932	26.0	14.1	24.6	15.2
	1002	26.4	14.3	24.6	14.9
	1032	26.3	14.2	24.7	14.6
	1102	26.1	14.2	24.9	14.6
	1132	26.4	14.2	24.9	14.7
	1202	27.3	13.6	24.8	14.6
	1232	26.5	14.3	25.0	14.6
	1302	26.9	14.4	24.7	14.6
	1332	26.7	14.2	25.0	14.6
	1402	26.2	14.3	25.1	14.4
	1432	27.0	14.0	24.9	14.2
	1502	26.4	14.2	25.0	14.3
	1532	27.7	13.7	25.0	14.4
	1602	26.8	14.7	25.2	14.1
	1632	26.9	14.3	24.8	14.6
	1702	28.0	13.8	25.3	14.1
	1732	26.8	14.3	25.7	14.4
	1802	26.7	14.2	25.1	14.5
	1832	26.4	14.5	25.4	14.5
	1902	26.7	14.2	24.8	14.6
	1932	26.0	14.5	24.8	15.0
	2002	26.2	14.7	24.6	14.9
	2032	25.8	14.7	24.4	15.0
	2102	26.2	15.2	24.7	15.5
	2132	25.8	15.0	24.7	15.4
	2202	25.9	15.1	24.3	15.3
	2232	26.2	14.3	24.5	15.4
	2302	26.3	14.3	24.6	15.0
	2332	25.8	14.4	25.0	14.9

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
7/31/74	9	27.0	15.2	25.3	14.8
	39	28.7	13.8	25.1	14.9
	109	27.0	14.3	25.4	14.7
	139	27.0	14.1	25.2	15.0
	209	26.6	14.2	25.5	14.8
	239	27.4	14.1	25.7	14.5
	309	28.7	13.8	25.6	14.6
	339	27.0	14.4	25.5	14.5
	409	27.6	14.8	26.3	14.3
	439	26.9	14.3	25.9	14.4
	509	26.9	14.3	25.9	14.4
	539	28.1	14.2	25.8	14.4
	609	26.6	14.4	25.9	14.3
	639	27.0	14.4	26.0	14.3
	709	27.2	14.4	25.8	14.5
	739	27.3	14.1	25.7	14.5
	809	27.2	14.5	25.5	14.7
	839	26.7	14.5	25.2	15.1
	909	27.8	14.1	24.7	15.5
	939	28.0	14.1	24.8	15.6
	1009	27.1	14.5	24.8	15.8
	1039	27.6	14.8	24.9	15.6
	1109	27.5	14.2	24.7	15.4
	1139	26.9	14.5	25.5	14.9
	1209	27.6	14.5	25.6	14.6
	1239	27.9	14.7	26.1	14.4
	1309	27.6	14.4	26.1	14.4
	1339	27.5	14.1	26.0	14.6
	1409	28.2	13.8	25.7	14.6
	1439	27.6	14.0	26.0	14.4
	1509	27.4	14.8	25.3	14.2
	1539	28.1	14.6	25.4	15.0
	1609	27.5	14.1	25.6	14.5
	1639	27.8	14.1	26.0	14.4
	1709	27.8	14.1	25.9	14.1
	1739	28.4	13.8	25.9	14.5
	1809	27.8	13.8	25.9	14.5
	1839	26.1	14.5	25.4	14.3
	1909	27.5	13.7	25.6	14.5
	1939	27.3	14.0	26.1	14.5
	2009	26.1	15.4	25.6	14.3
	2039	27.8	14.4	25.6	14.3
	2109	26.2	14.8	25.3	14.7
	2139	26.1	14.9	24.1	15.2
	2209	27.9	14.2	24.9	15.7
	2239	27.4	14.4	25.0	15.6
	2309	28.0	14.3	25.1	15.6
	2339	27.5	14.3	25.3	14.9

LOCATION 1 RAFFAHANNECK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
8/ 1/74	9	27.4	14.3	25.6	14.8
	39	28.3	14.0	26.0	14.6
	109	27.9	14.5	25.4	14.8
	139	27.8	13.8	25.7	14.8
	209	27.5	14.0	25.1	15.5
	239	27.7	14.2	26.3	14.7
	309	27.7	14.1	26.7	14.5
	339	27.4	14.2	26.3	14.6
	409	27.7	14.1	26.5	14.5
	439	27.9	14.4	26.0	14.7
	509	27.5	14.0	25.8	14.7
	539	28.1	14.0	25.5	15.0
	609	27.6	14.2	25.6	15.0
	639	28.1	13.8	25.9	14.9
	709	27.1	14.5	26.0	14.8
	739	27.2	14.6	25.7	14.8
	809	26.9	15.0	26.0	14.5
	839	27.2	14.4	25.9	14.5
	909	27.6	14.4	26.0	14.7
	939	27.1	14.5	25.2	15.3
	1009	26.8	14.7	25.1	15.4
	1039	27.0	14.3	25.0	15.6
	1109	27.6	14.6	25.2	15.6
	1139	27.2	14.5	25.3	15.3
	1209	27.4	14.5	25.6	15.2
	1239	27.5	14.1	25.6	14.9
	1309	27.4	14.5	25.6	15.0
	1339	27.7	14.3	26.3	14.6
	1409	28.1	14.1	25.8	14.8
	1439	28.2	14.1	25.7	14.9
	1509	28.0	14.8	25.4	14.8
	1539	27.8	14.2	25.4	14.9
	1609	28.0	14.3	25.9	14.1
	1639	27.1	14.2	25.7	14.4
	1709	28.2	13.9	26.0	14.2
	1739	26.2	14.2	25.6	14.3
	1809	27.6	14.0	25.6	14.5
	1839	27.2	14.3	26.1	14.4
	1909	27.5	14.0	26.1	14.2
	1939	27.4	14.4	25.8	14.2
	2009	27.2	14.2	25.4	14.3
	2039	27.4	14.3	25.7	14.5
	2109	27.2	14.7	25.1	15.7
	2139	26.0	15.1	25.1	15.5
	2209	27.3	14.6	25.8	15.2
	2239	27.2	15.0	25.3	15.5
	2309	27.1	14.9	25.0	15.8
	2339	27.6	14.4	25.1	15.6

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
8/ 2/74	9	27.9	14.3	25.3	15.5
	39	27.5	14.3	25.8	15.1
	109	27.0	14.6	25.6	15.0
	139	26.9	14.4	26.1	14.7
	209	26.8	14.3	25.9	15.0
	239	26.8	14.8	25.9	14.8
	309	27.5	14.1	26.1	14.6
	339	27.2	14.5	26.2	14.5
	409	27.3	14.4	26.1	14.5
	439	27.1	14.4	26.2	14.5
	509	27.1	14.1	26.3	14.3
	539	27.6	13.9	26.5	14.3
	609	27.6	14.0	26.2	14.4
	639	27.1	14.1	25.9	14.7
	709	27.5	14.3	25.9	14.6
	739	27.3	14.6	26.1	14.8
	809	27.2	14.2	25.4	15.1
	839	27.0	14.9	26.2	14.5
	909	27.0	14.3	26.3	14.4
	939	26.8	14.7	26.1	14.6
	1009	27.4	14.5	25.5	15.4
	1039	27.1	14.4	25.6	15.4
	1109	27.1	15.3	25.2	15.6
	1139	27.4	14.3	25.4	15.5
	1209	26.9	14.7	25.4	15.6
	1239	27.3	14.3	25.4	15.5
	1309	27.8	14.4	25.9	14.8
	1339	27.8	14.3	26.0	14.8
	1409	27.3	14.5	26.1	14.5
	1439	27.6	14.7	26.0	14.9
	1509	27.7	14.3	26.1	14.8
	1539	27.6	14.0	26.1	14.9
	1609	27.8	13.9	26.2	14.7
	1639	27.4	14.1	26.1	14.6
	1709	27.5	14.2	26.2	14.7
	1739	27.0	14.3	26.2	14.8
	1809	27.0	14.4	26.4	14.7
	1839	27.2	14.9	26.0	14.8
	1909	27.4	14.4	26.3	14.8
	1939	28.1	14.1	26.3	14.6
	2009	26.9	14.5	26.0	14.7
	2039	27.2	14.4	26.3	14.7
	2109	27.1	14.3	26.3	14.6
	2139	28.8	13.9	26.5	14.5
	2209	27.2	14.4	26.2	14.6
	2239	27.0	14.7	25.6	15.3
	2309	26.7	14.7	25.6	15.5
	2339	27.4	14.5	25.7	15.5

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES CF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
8/ 3/74	9	26.8	14.3	25.2	15.9
	29	26.6	15.1	25.1	15.8
	109	27.2	14.5	25.6	15.4
	129	26.7	14.5	25.6	15.3
	209	26.8	14.7	25.8	15.2
	239	26.8	14.4	26.3	14.9
	309	26.8	14.5	26.1	14.8
	339	27.0	14.7	26.0	14.9
	409	27.6	14.3	26.1	14.8
	439	27.8	14.3	26.1	14.7
	509	28.3	14.2	26.0	14.7
	539	26.6	15.3	26.4	14.6
	609	26.9	14.1	26.2	14.5
	639	27.0	14.3	26.0	14.5
	709	26.9	14.3	26.4	14.5
	739	26.5	14.2	25.6	14.5
	809	26.4	14.4	25.5	14.4
	839	26.9	14.5	25.6	14.7
	909	27.5	14.2	25.6	14.7
	939	26.6	14.7	25.8	14.6
	1009	27.2	14.5	26.0	14.8
	1039	27.1	15.0	25.2	15.9
	1109	27.1	14.8	25.6	15.7
	1139	26.8	15.3	25.2	16.6
	1209	27.3	14.5	25.0	16.5
	1239	27.5	14.6	25.1	16.2
	1309	27.6	14.3	25.4	15.8
	1339	27.2	14.4	25.5	15.8
	1346	27.0	14.6	25.9	15.3
	1350	27.2	14.4	25.8	15.5
	1419	27.6	14.5	26.0	15.1
	1449	27.6	14.3	26.3	14.8
	1519	27.1	14.6	26.2	14.9
	1549	27.3	14.6	26.3	14.8
	1619	27.7	14.0	26.2	14.4
	1649	27.5	14.1	26.5	14.5
	1719	27.6	14.4	26.5	14.5
	1749	27.6	14.1	26.7	14.3
	1819	27.3	13.9	26.4	14.4
	1849	27.3	14.2	26.6	14.3
	1919	27.7	13.8	26.0	15.2
	1949	27.2	14.3	25.8	15.4
	2019	28.5	13.8	25.8	15.8
	2049	27.2	14.5	25.2	15.8
	2119	27.6	14.3	25.1	16.8
	2149	26.9	15.4	25.0	16.9
	2219	26.6	15.4	25.4	16.3
	2249	27.0	15.3	25.3	16.9
	2319	26.7	15.1	25.4	17.3

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
8/ 4/74	19	27.8	14.8	25.2	17.0
	49	27.1	15.1	25.1	16.9
	119	27.0	14.7	25.3	16.4
	149	27.3	14.5	26.3	15.1
	219	27.0	14.3	25.7	15.4
	249	27.3	14.1	26.3	15.1
	319	27.3	14.5	26.5	14.9
	349	27.0	14.2	26.3	15.1
	419	26.8	14.7	26.3	15.2
	449	26.8	12.9	26.2	15.3
	519	26.7	14.7	26.2	15.1
	549	26.8	14.6	26.1	14.9
	619	26.8	14.0	26.2	14.8
	649	27.0	14.2	26.1	15.0
	719	26.7	14.7	26.2	15.0
	749	28.6	14.3	25.5	16.3
	819	27.4	14.2	25.6	16.7
	849	26.8	14.7	25.5	16.7
	919	27.2	14.9	25.5	16.7
	949	26.5	15.2	25.5	16.8
	1019	27.0	15.4	25.6	17.1
	1049	26.8	15.3	25.1	17.1
	1119	27.0	15.5	25.2	17.5
	1149	27.0	15.8	25.2	17.9
	1219	26.8	15.4	25.5	17.8
	1249	27.1	15.3	25.0	17.7
	1319	27.3	14.6	25.2	17.7
	1349	27.4	14.8	25.3	17.1
	1419	26.8	15.1	25.9	16.0
	1449	27.2	12.3	25.9	15.2
	1519	27.4	13.0	26.3	15.0
	1549	26.8	14.5	26.4	14.8
	1619	27.3	14.4	26.2	14.7
	1649	26.7	14.4	26.3	14.7
	1719	27.1	14.4	26.1	14.8
	1749	27.6	14.2	26.4	14.6
	1819	27.3	14.0	26.2	14.5
	1849	27.0	14.4	25.9	15.5
	1919	26.6	14.2	26.1	15.1
	1949	26.9	14.6	25.9	16.0
	2019	26.7	14.4	25.4	17.2
	2049	26.9	13.9	25.5	17.5
	2119	26.7	14.6	25.4	17.5
	2149	26.6	15.1	25.8	17.4
	2219	27.0	14.8	25.2	17.8
	2249	26.3	15.8	25.4	17.2
	2319	26.4	16.0	25.3	17.6
	2349	26.3	16.0	25.4	18.3

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
8/ 5/74	19	26.4	15.8	25.5	18.4
	49	26.6	15.8	24.9	19.3
	119	26.4	14.5	25.0	18.6
	149	26.4	14.7	25.4	17.8
	219	26.2	14.6	25.6	17.1
	249	26.8	14.7	25.8	16.1
	319	27.4	14.0	25.9	15.0
	349	26.2	14.4	25.8	14.8
	419	26.4	14.6	25.8	14.6
	449	27.6	14.3	25.9	14.6
	519	26.2	14.3	25.9	14.4
	549	26.3	14.1	25.8	14.4
	619	27.2	14.0	25.9	15.6
	649	26.5	14.2	25.9	15.6
	719	26.0	14.2	25.8	15.9
	749	26.2	14.2	25.8	16.7
	819	26.2	14.8	25.5	17.7
	849	26.2	14.7	25.4	17.6
	919	26.8	14.2	25.6	17.5
	949	27.0	14.2	25.6	17.5
	1019	26.4	14.7	25.2	18.3
	1049	26.3	14.8	25.2	18.2
	1119	26.5	15.0	25.3	18.3
	1149	26.6	16.1	25.3	18.3
	1219	26.2	16.2	25.2	18.4
	1249	26.6	14.7	25.0	18.7
	1319	27.3	15.0	25.1	19.1
	1349	28.0	14.0	25.2	18.7
	1419	27.0	14.6	25.6	17.6
	1449	27.2	14.2	25.6	16.9
	1519	27.0	14.0	25.6	17.3
	1549	27.0	14.6	25.5	17.1
	1619	27.3	14.2	25.4	14.7
	1649	27.5	13.7	25.4	14.7
	1719	27.9	13.8	25.5	18.4
	1749	26.0	14.1	25.6	15.7
	1819	26.2	14.0	25.9	15.6
	1849	25.6	14.2	25.4	18.4
	1919	27.6	14.3	25.5	15.4
	1949	26.0	14.3	25.7	16.5
	2019	26.2	14.8	25.4	18.3
	2049	27.8	14.7	25.4	17.7
	2119	26.9	14.4	25.8	17.7
	2149	27.0	15.4	25.9	17.4
	2219	26.4	15.7	26.0	17.8
	2249	27.0	15.3	25.5	18.4
	2319	26.6	15.4	25.4	18.7
	2349	26.6	15.5	25.4	18.6

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
8/ 6/74	19	26.3	16.6	25.2	18.8
	49	26.8	16.7	25.5	18.5
	119	26.6	14.9	25.2	19.0
	149	28.7	13.9	25.3	18.9
	219	27.2	14.6	25.5	18.7
	249	26.7	14.1	25.5	18.8
	319	27.2	14.2	25.6	17.4
	349	26.6	14.4	25.3	18.7
	419	27.7	13.4	25.4	18.7
	449	26.3	13.8	25.5	18.0
	519	26.6	13.4	25.6	16.9
	549	26.6	14.0	25.6	17.1
	619	27.5	13.4	25.8	16.9
	649	27.0	13.5	25.8	17.1
	719	26.6	13.4	25.6	17.8
	719	26.6	13.4	25.6	17.8
	810	26.5	13.2	25.6	17.8
	1000	25.9	16.0	26.0	17.4
	1030	25.8	16.4	25.6	18.2
	1100	25.8	15.5	25.4	19.0
	1120	25.7	15.8	25.6	18.9
	1200	26.0	16.4	25.6	18.9
	1230	25.9	16.6	25.4	19.0
	1300	25.8	17.3	25.5	18.9
	1330	25.8	17.5	25.5	18.8
	1400	25.8	16.8	25.6	19.1
	1430	25.8	16.6	25.3	19.4
	1500	25.8	17.0	25.7	18.4
	1530	25.9	14.8	25.6	18.2
	1600	25.9	15.0	25.8	16.5
	1630	26.0	15.5	26.0	16.9
	1700	25.8	15.1	25.9	17.0
	1730	25.8	14.8	26.0	16.2
	1800	25.9	14.8	26.0	15.2
	1830	26.0	14.8	26.1	15.1
	1900	26.0	14.9	25.8	17.1
	1930	25.9	14.9	26.0	17.0
	2000	25.9	15.2	25.8	17.4
	2030	25.9	15.0	25.8	17.5
	2100	25.8	15.1	25.8	17.8
	2130	25.6	15.6	25.8	18.3
	2200	25.6	16.3	25.6	18.3
	2230	25.6	17.0	25.8	18.3
	2300	25.6	16.0	25.7	18.4
	2330	25.6	15.9	25.5	18.8

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W,

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
5/ 7/74	0	25.5	16.2	25.4	19.1
	30	25.5	15.8	25.6	19.1
	100	25.5	16.0	25.5	19.3
	130	25.5	16.1	25.5	19.4
	200	25.5	16.2	25.4	19.4
	230	25.5	18.9	25.5	19.3
	300	25.6	18.3	25.5	19.0
	330	25.6	18.2	25.5	18.9
	400	25.5	17.2	25.5	18.5
	430	25.5	16.6	25.5	17.5
	500	25.4	16.6	25.6	16.9
	530	25.4	16.5	25.6	16.9
	600	25.4	16.0	25.5	16.7
	630	25.4	15.9	25.6	16.3
	700	25.3	15.8	25.4	16.2
	730	25.4	15.7	25.3	15.9
	800	25.4	15.7	25.4	15.7
	830	25.3	15.6	25.4	15.8
	900	25.3	15.5	25.3	15.8
	930	25.3	15.5	25.4	15.7
	1000	25.2	15.4	25.4	17.9
	1030	25.4	15.4	25.3	17.9
	1100	25.4	15.4	25.4	18.4
	1130	25.4	15.8	25.5	19.1
	1200	25.4	15.8	25.4	18.5
	1230	25.4	16.3	25.5	18.4
	1300	25.4	16.0	25.4	19.0
	1330	25.4	15.8	25.5	19.1
	1400	25.4	15.6	25.4	18.8
	1430	25.2	15.2	25.6	18.3
	1500	25.3	15.7	25.3	17.7
	1530	25.2	15.4	25.4	16.8
	1600	25.6	15.4	25.3	16.0
	1630	25.4	15.4	25.3	15.7
	1700	25.4	15.4	25.4	15.7
	1730	25.4	15.4	25.4	15.8
	1800	25.5	15.3	25.6	15.4
	1830	25.5	15.3	25.6	15.5
	1900	25.4	15.1	25.7	15.3
	1930	25.4	15.1	25.4	15.5
	2000	25.4	15.2	25.4	15.4
	2030	25.4	15.0	25.4	15.4
	2100	25.3	14.9	25.4	17.6
	2130	25.2	14.7	25.4	17.5
	2200	25.3	14.6	25.6	17.1
	2230	25.3	14.7	25.6	16.8
	2300	25.3	14.6	25.6	16.7
	2330	25.1	15.0	25.4	16.8

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
8/ 8/74	0	25.2	15.3	25.6	18.1
	30	25.2	16.0	25.4	17.9
	100	25.3	16.2	25.5	17.5
	130	25.3	16.0	25.5	17.8
	200	25.3	15.9	25.4	18.0
	230	25.2	15.9	25.4	17.7
	300	24.7	15.2	25.4	17.3
	330	24.9	15.2	25.4	17.0
	400	24.9	15.2	25.4	17.5
	430	24.8	15.0	25.3	16.1
	500	25.0	14.8	25.0	15.3
	530	24.9	14.7	25.4	16.5
	600	25.0	14.6	25.3	15.6
	630	25.0	14.6	25.1	14.8
	700	25.0	14.5	25.1	14.6
	730	25.1	14.4	25.1	14.6
	800	25.1	14.4	25.5	16.3
	830	25.0	14.5	25.4	16.4
	900	25.0	14.5	25.6	16.5
	930	25.0	14.5	25.4	17.3
	1000	25.0	14.5	25.4	17.7
	1100	25.2	15.3	25.4	16.8
	1130	25.1	15.7	25.3	16.6
	1200	25.0	16.0	25.4	17.8
	1230	25.1	16.2	25.3	18.0
	1300	25.2	16.2	25.4	17.2
	1330	25.3	15.6	25.3	17.7
	1400	25.3	15.3	25.4	17.7
	1430	25.3	15.4	25.3	17.8
	1500	25.2	15.3	25.4	17.9
	1530	25.2	15.5	25.3	17.8
	1600	25.2	15.0	25.2	17.4
	1630	25.2	15.0	25.2	17.4
	1700	25.1	15.4	25.5	17.5
	1730	25.2	15.1	25.3	17.4
	1800	25.2	15.0	25.4	17.4
	1830	25.4	14.8	25.4	17.5
	1900	25.3	14.6	25.4	17.2
	1930	25.2	14.6	25.4	16.2
	2000	25.1	14.6	25.4	16.5
	2030	25.1	14.7	25.5	16.2
	2100	25.1	14.8	25.6	16.6
	2130	25.1	14.6	25.4	16.8
	2200	25.2	14.8	25.4	16.9
	2230	25.1	14.6	25.4	17.1
	2300	25.1	14.8	25.4	17.1
	2330	25.1	15.3	25.4	17.3

LOCATION 1 RAPPAHANNECK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
8/ 9/74	0	25.2	16.2	25.4	17.4
	30	25.2	16.7	25.4	17.4
	100	25.1	16.1	25.4	17.6
	130	25.2	15.9	25.3	17.4
	200	25.1	16.1	25.3	17.6
	230	25.2	16.4	25.3	17.6
	300	25.1	15.6	25.4	17.5
	330	25.0	15.3	25.3	17.6
	400	25.0	15.0	25.4	17.6
	430	24.8	15.4	25.3	17.6
	500	24.8	15.3	25.5	17.6
	530	25.0	15.2	25.6	17.0
	600	24.9	14.8	25.6	16.4
	630	24.9	14.6	25.4	17.0
	700	24.8	14.5	25.5	16.5
	730	24.8	14.4	24.8	15.6
	800	24.9	14.3	25.4	16.8
	830	24.8	14.3	25.4	16.6
	900	24.8	14.3	25.6	16.4
	930	24.8	14.3	25.4	16.1
	1000	24.8	14.5	25.0	16.9

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
8/10/74	0	25.1	14.6	25.4	17.1
	30	25.1	14.8	25.5	17.2
	100	25.1	15.2	25.5	17.0
	130	25.1	15.5	25.5	17.2
	200	25.0	15.7	25.4	17.4
	230	24.9	15.9	25.4	17.4
	300	24.9	15.6	25.4	17.5
	330	25.0	15.7	25.7	17.3
	400	25.0	15.1	25.4	17.5
	430	24.6	14.9	25.5	17.5
	500	24.6	14.8	25.5	17.5
	530	24.6	14.9	25.5	17.4
	600	24.6	14.9	25.5	17.5
	630	24.7	14.8	25.7	17.4
	700	24.8	14.7	25.6	17.5
	730	24.8	14.8	25.5	17.7
	800	24.8	14.7	25.6	17.8
	830	24.7	14.6	25.5	15.3
	900	24.9	14.7	25.4	15.3
	930	24.9	14.6	25.7	16.1
	1000	25.0	14.6	25.6	15.9
	1030	24.9	14.6	25.8	16.8
	1100	24.9	14.6	25.6	17.1
	1130	24.9	14.7	25.6	17.3
	1200	24.9	14.8	25.6	17.3
	1230	25.0	15.9	25.8	17.1
	1300	24.9	15.7	25.7	16.9
	1330	25.0	15.5	25.9	17.2
	1400	25.0	15.8	25.8	17.0
	1430	25.0	15.7	25.6	17.1
	1500	25.0	15.4	25.6	17.5
	1530	25.0	15.1	25.8	17.3
	1600	25.0	15.7	25.8	17.5
	1630	25.0	15.5	25.8	17.5
	1700	25.0	17.1	25.8	17.5
	1730	25.1	16.9	25.8	17.4
	1800	25.1	16.6	26.0	17.4
	1830	25.0	16.2	26.3	17.1
	1900	25.0	15.8	26.7	16.9
	1930	24.9	15.6	27.3	16.2
	2000	24.9	15.2		
	2030	24.8	15.0		
	2100	24.8	14.9		
	2130	24.7	15.0		
	2200	24.7	15.0		
	2230	24.7	15.1		
	2300	24.6	15.1		
	2330	24.7	15.2		

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
8/11/74	0	24.7	15.3		
	30	24.5	15.1		
	100	24.7	15.8		
	130	24.5	15.8		
	200	24.7	16.3		
	230	24.8	16.5		
	300	24.8	16.3		
	330	24.8	16.4		
	400	24.9	16.5		
	430	24.9	16.7		
	500	24.8	16.5		
	530	24.5	15.9		
	600	24.2	15.6		
	630	24.0	15.4		
	700	23.8	15.4		
	730	24.3	15.8		
	800	24.1	15.8		
	830	23.8	15.3		
	900	24.0	15.2		
	930	24.0	15.3		
	1000	24.1	15.3		
	1030	24.2	15.3		
	1100	24.3	15.3		
	1130	24.3	15.3		
	1200	24.4	15.2		
	1230	24.3	15.2		
	1300	24.3	15.3		

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
8/10/74	0	25.1	14.6	25.4	17.1
	30	25.1	14.8	25.5	17.2
	100	25.1	15.2	25.5	17.0
	130	25.1	15.5	25.5	17.2
	200	25.0	15.7	25.4	17.4
	230	24.9	15.9	25.4	17.4
	300	24.9	15.6	25.4	17.5
	330	25.0	15.7	25.7	17.3
	400	25.0	15.1	25.4	17.5
	430	24.6	14.9	25.5	17.5
	500	24.6	14.8	25.5	17.5
	530	24.6	14.9	25.5	17.4
	600	24.6	14.9	25.5	17.5
	630	24.7	14.8	25.7	17.4
	700	24.8	14.7	25.6	17.5
	730	24.8	14.8	25.5	17.7
	800	24.8	14.7	25.6	17.8
	830	24.7	14.6	25.5	15.3
	900	24.9	14.7	25.4	15.3
	930	24.9	14.6	25.7	16.1
	1000	25.0	14.6	25.6	15.9
	1030	24.9	14.6	25.8	16.8
	1100	24.9	14.6	25.6	17.1
	1130	24.9	14.7	25.6	17.3
	1200	24.9	14.8	25.6	17.3
	1230	25.0	15.9	25.8	17.1
	1300	24.9	15.7	25.7	16.9
	1330	25.0	15.5	25.9	17.2
	1400	25.0	15.8	25.8	17.0
	1430	25.0	15.7	25.6	17.1
	1500	25.0	15.4	25.6	17.5
	1530	25.0	15.1	25.8	17.3
	1600	25.0	15.7	25.8	17.5
	1630	25.0	15.5	25.8	17.5
	1700	25.0	17.1	25.8	17.5
	1730	25.1	16.9	25.8	17.4
	1800	25.1	16.6	26.0	17.4
	1830	25.0	16.2	26.3	17.1
	1900	25.0	15.8	26.7	16.9
	1930	24.9	15.6	27.3	16.2
	2000	24.9	15.2		
	2030	24.8	15.0		
	2100	24.8	14.9		
	2130	24.7	15.0		
	2200	24.7	15.0		
	2230	24.7	15.1		
	2300	24.6	15.1		
	2330	24.7	15.2		

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
8/11/74	0	24.7	15.3		
	30	24.5	15.1		
	100	24.7	15.8		
	130	24.5	15.8		
	200	24.7	16.3		
	230	24.8	16.5		
	300	24.8	16.3		
	330	24.8	16.4		
	400	24.9	16.5		
	430	24.9	16.7		
	500	24.8	16.5		
	530	24.5	15.9		
	600	24.2	15.6		
	630	24.0	15.4		
	700	23.8	15.4		
	730	24.3	15.8		
	800	24.1	15.8		
	830	23.8	15.3		
	900	24.0	15.2		
	930	24.0	15.3		
	1000	24.1	15.3		
	1030	24.2	15.3		
	1100	24.3	15.3		
	1130	24.3	15.3		
	1200	24.4	15.2		
	1230	24.3	15.2		
	1300	24.3	15.3		

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
8/12/74	940	24.1	14.9		
	941	24.1	14.8		
	1039	24.3	14.4		
	1109	24.4	14.4		
	1139	24.4	14.4		
	1209	24.5	14.4		
	1239	24.4	14.4		
	1309	24.4	14.3		
	1339	24.5	14.3		
	1409	24.7	14.5		
	1439	24.8	14.5		
	1509	24.6	15.5		
	1539	24.8	15.7		
	1609	25.2	15.5		
	1639	25.0	15.8		
	1709	25.0	15.5		
	1739	24.7	15.7		
	1809	24.6	15.9		
	1839	24.6	15.1		
	1909	24.6	15.3		
	1939	25.0	15.1		
	2009	24.8	16.0		
	2039	24.6	16.5		
	2109	24.7	15.2		
	2139	25.1	14.9		
	2209	24.7	14.8		
	2239	24.6	14.9		
	2309	24.7	14.8		
	2339	24.6	15.0		

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
8/13/74	9	24.6	15.0		
	39	24.6	15.0		
	109	24.6	15.2		
	139	24.5	15.5		
	209	24.7	15.1		
	239	24.6	15.1		
	309	24.6	15.1		
	339	24.6	15.2		
	409	24.6	15.6		
	439	24.7	16.2		
	509	24.7	16.0		
	539	24.7	15.6		
	609	24.6	15.3		
	639	24.5	15.0		
	709	24.5	15.1		
	739	24.4	15.1		
	809	24.4	14.7		
	839	24.4	15.2		
	909	24.4	14.9		
	939	24.4	14.3		
	1009	24.4	14.2		
	1039	24.4	14.3		
	1109	24.4	14.3		
	1139	24.5	14.2		
	1209	24.6	14.1		
	1239	24.6	14.1		
	1309	24.8	14.1		
	1339	24.6	14.2		
	1409	24.7	14.3		
	1439	24.8	14.3		
	1509	24.9	14.3		
	1539	24.6	15.3		
	1609	24.7	16.0		
	1639	24.9	15.8		
	1709	24.9	15.4		
	1739	24.7	15.7		
	1809	24.8	15.9		
	1839	25.1	15.6		
	1909	24.8	16.1		
	1939	24.8	15.2		
	2009	24.8	15.1		
	2039	24.6	16.1		
	2109	24.7	16.4		
	2139	24.6	16.1		
	2209	24.8	15.3		
	2239	24.8	15.5		
	2309	25.0	15.0		
	2339	24.9	14.8		

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
8/14/74	9	24.8	15.0		
	39	24.8	14.9		
	109	24.8	14.8		
	139	24.8	14.8		
	209	24.8	14.9		
	239	24.8	14.8		
	309	24.6	14.6		
	339	24.8	14.5		
	409	24.8	14.7		
	439	24.8	15.5		
	509	24.7	15.8		
	539	24.7	16.0		
	609	24.7	15.9		
	639	24.8	15.4		
	709	24.8	15.6		
	739	24.8	15.8		
	809	24.8	15.2		
	839	24.8	14.9		
	909	24.9	14.9		
	939	24.7	15.2		
	1009	25.0	15.0		
	1109	25.3	14.7		
	1139	25.2	14.6		
	1209	25.0	14.5		
	1239	25.8	14.5		
	1309	25.8	14.4		
	1339	25.7	14.4		
	1409	25.5	14.4		
	1439	25.5	14.4		
	1509	25.4	14.5		
	1539	25.4	14.4		
	1609	25.6	14.9		
	1639	25.4	15.3		
	1709	25.3	15.6		
	1739	24.4	16.1		
	1809	25.6	15.3		
	1843	25.2	15.4		
	1854	25.3	15.0		
	1855	24.4	15.0		
	1907	24.2	16.0		
	1936	25.1	15.7		
	2006	25.7	15.0		
	2025	25.8	15.0		
	2055	25.9	14.9		
	2125	25.8	14.9		
	2155	25.6	15.0		
	2225	26.1	15.0		
	2255	25.6	14.9		
	2325	25.4	14.9		

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
8/15/74	25	25.4	14.9		
	55	25.3	14.5		
	125	25.5	14.4		
	155	25.5	14.5		
	225	25.5	14.6		
	255	25.4	14.7		
	325	25.4	14.8		
	355	25.3	14.9		
	425	25.4	14.8		
	455	25.2	14.9		
	525	25.2	15.1		
	555	25.3	14.9		
	625	25.1	15.5		
	655	24.9	15.7		
	725	25.0	15.5		
	755	25.0	15.3		
	825	25.0	15.5		
	855	25.2	15.0		
	925	25.3	14.8		
	955	25.4	14.9		
	1025	25.2	15.0		
	1055	25.4	14.9		
	1125	25.4	14.9		
	1155	25.9	14.9		
	1225	25.8	14.7		
	1255	26.2	14.6		
	1325	26.0	14.5		
	1355	26.0	14.5		
	1425	26.1	14.4		
	1455	25.6	14.4		
	1525	25.9	14.4		
	1555	25.7	14.5		
	1625	25.9	14.4		
	1655	26.2	14.7		
	1725	25.6	15.4		
	1755	25.9	15.2		
	1825	25.3	15.5		
	1855	25.1	15.6		
	1925	25.3	15.3		
	1955	25.0	15.8		
	2025	25.4	15.6		
	2055	25.0	15.9		
	2125	25.6	15.3		
	2155	26.0	15.1		
	2225	25.6	15.2		
	2255	25.0	15.8		
	2325	24.6	16.4		
	2355	25.2	15.7		

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
8/16/74	25	25.7	15.1		
	55	25.2	15.3		
	125	25.1	15.6		
	155	25.1	15.6		
	225	25.2	15.5		
	255	25.3	15.4		
	325	25.4	15.2		
	355	25.4	15.1		
	425	25.5	14.9		
	455	25.5	14.9		
	525	25.6	14.9		
	555	25.4	15.4		
	625	25.4	15.5		
	655	25.5	15.3		
	725	25.2	15.7		
	755	25.1	15.7		
	825	25.1	15.8		
	855	25.1	15.6		
	925	25.0	15.8		
	955	25.0	15.9		
	1025	25.5	15.4		
	1055	25.6	15.3		
	1125	24.9	16.0		
	1155	24.7	16.3		
	1225	25.6	15.4		
	1255	25.6	15.3		
	1325	26.2	15.1		
	1355	26.0	15.4		
	1425	25.6	15.5		
	1455	26.0	15.3		
	1525	26.3	15.3		
	1555	26.4	15.3		
	1625	26.3	15.2		
	1655	26.2	15.2		
	1725	25.9	15.2		
	1755	26.0	15.3		
	1825	25.7	15.5		
	1855	26.1	15.4		
	1925	26.0	15.4		
	1955	25.8	15.6		
	2025	25.4	15.7		
	2055	25.4	15.7		
	2125	25.3	15.8		
	2155	25.4	15.7		
	2225	25.8	15.5		
	2255	26.2	15.3		
	2325	26.3	15.3		
	2355	25.3	15.8		

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
8/17/74	25	25.4	15.9		
	55	25.3	15.6		
	125	24.8	16.4		
	155	25.3	15.6		
	225	25.4	15.4		
	255	25.6	15.3		
	325	25.6	15.3		
	355	25.5	15.3		
	425	25.5	15.4		
	455	25.4	15.4		
	525	25.8	15.3		
	555	25.9	15.3		
	625	25.9	15.3		
	655	25.7	15.4		
	725	25.5	15.5		
	755	25.6	15.4		
	825	25.5	15.5		
	855	25.5	15.5		
	925	25.5	15.5		
	955	25.5	15.5		
	1025	25.5	15.5		
	1055	25.7	15.5		
	1125	25.8	15.5		
	1155	25.6	15.5		
	1225	25.8	15.5		
	1255	25.8	15.6		
	1325	25.9	15.6		
	1355	25.4	15.8		
	1425	26.0	15.5		
	1455	26.4	15.4		
	1525	26.2	15.3		
	1555	26.3	15.2		
	1625	26.6	15.2		
	1655	26.5	15.2		
	1657	25.7	15.4		
	1658	25.7	15.4		
	1659	25.6	15.5		
	1729	26.2	15.1		
	1759	26.4	15.0		
	1812	26.4	15.0		
	1814	26.4	14.9		
	1816	25.5	14.7		
	1821	26.3	15.0		
	1851	26.3	15.0		
	1921	26.3	15.0		
	1951	26.4	15.2		
	2021	26.2	15.3		
	2051	26.2	15.3		
	2121	26.1	15.3		

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
8/18/74	21	25.7	15.6		
	51	25.9	15.4		
	121	26.0	15.3		
	151	26.0	15.2		
	221	26.0	15.2		
	251	26.1	15.1		
	321	26.0	15.1		
	351	25.8	15.1		
	421	25.8	15.0		
	451	25.7	15.0		
	521	25.7	15.0		
	551	25.7	14.9		
	621	25.6	15.0		
	651	25.6	15.0		
	721	25.7	15.1		
	751	25.6	15.1		
	821	25.5	15.2		
	851	25.6	15.2		
	921	25.8	15.0		
	951	25.8	15.1		
	1021	25.8	15.2		
	1051	25.9	15.3		
	1121	26.0	15.3		
	1151	26.0	15.4		
	1221	25.7	15.4		
	1251	25.7	15.5		
	1321	26.3	15.3		
	1351	26.4	15.3		
	1421	26.6	15.0		
	1451	25.4	15.9		
	1521	26.2	15.1		
	1551	25.6	15.5		
	1621	26.2	15.1		
	1651	25.9	15.1		
	1721	26.1	15.1		
	1751	25.8	15.3		
	1821	25.7	15.2		
	1851	26.2	15.0		
	1921	26.0	15.3		
	1951	26.3	15.4		
	2021	25.6	15.7		
	2051	26.2	15.3		
	2121	26.0	15.2		
	2151	26.1	15.3		
	2221	26.0	15.3		
	2251	26.0	15.4		
	2321	26.1	15.4		
	2351	26.1	15.4		

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
8/19/74	21	26.1	15.4		
	51	26.0	15.4		
	121	26.1	15.4		
	151	25.5	15.8		
	221	25.8	15.4		
	251	25.8	15.5		
	321	25.8	15.5		
	351	25.9	15.4		
	421	25.8	15.4		
	451	25.9	15.3		
	521	25.8	15.3		
	551	25.9	15.0		
	621	25.9	15.0		
	651	25.9	15.0		
	721	25.9	14.9		
	751	25.8	15.1		
	821	25.8	15.3		
	913	25.8	15.3	25.7	15.3
	942	25.9	15.3	25.8	15.2
	1042	25.9	15.2	25.9	15.1
	1112	26.0	15.4	25.8	15.2
	1142	25.9	15.5	25.8	15.3
	1212	25.9	15.5	25.8	15.3
	1242	25.9	15.5	25.7	15.4
	1312	25.7	15.6	25.6	15.5
	1342	25.8	15.5	25.4	15.8
	1412	25.9	15.4	25.4	15.8
	1442	25.8	15.5	25.3	16.2
	1512	26.0	15.1	25.4	16.0
	1542	26.0	15.2	25.4	15.8
	1612	25.8	15.4	25.4	15.8
	1642	25.8	15.4	25.5	15.7
	1712	25.9	15.2	25.6	15.5
	1742	25.8	15.3	25.6	15.5
	1812	25.9	15.3	25.6	15.5
	1842	26.0	15.0	25.8	15.1
	1912	26.0	15.0	25.9	14.9
	1942	26.0	15.0	25.6	15.4
	2012	26.0	14.9	25.6	15.4
	2042	25.9	15.3	25.7	15.3
	2112	26.0	15.2	25.9	15.1
	2142	25.9	15.4	25.8	15.2
	2212	25.8	15.3	25.7	15.1
	2242	25.8	15.3	25.7	15.2
	2312	25.8	15.5	25.7	15.3
	2342	25.8	15.5	25.7	15.4

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
8/20/74	12	25.8	15.5	25.7	15.4
	42	25.8	15.5	25.6	15.4
	112	25.8	15.4	25.6	15.5
	142	25.7	15.6	25.6	15.6
	212	25.8	15.6	25.6	15.7
	242	25.7	15.4	25.5	15.8
	312	25.7	15.4	25.5	15.9
	342	25.6	15.3	25.5	15.8
	412	25.6	15.3	25.6	15.6
	442	25.6	15.3	25.6	15.6
	512	25.6	15.4	25.6	15.4
	542	25.7	15.4	25.6	15.4
	612	25.7	15.2	25.7	15.4
	642	25.7	15.1	25.6	15.4
	712	25.7	15.1	25.6	15.2
	742	25.7	15.1	25.6	15.1
	812	25.6	15.1	25.6	15.3
	842	25.4	15.2	25.6	15.4
	912	25.6	15.4	25.5	15.3
	942	25.6	15.3	25.4	15.1
	1012	25.6	15.5	25.5	15.3
	1042	25.8	15.3	25.7	15.1
	1112	25.8	15.3	25.7	15.1
	1142	25.8	15.4	25.7	15.2
	1212	25.8	15.5	25.6	15.3
	1242	25.7	15.5	25.6	15.4
	1312	25.8	15.5	25.5	15.5
	1342	25.7	15.5	25.5	15.6
	1412	25.6	15.5	25.5	15.7
	1442	25.6	15.7	25.5	15.8
	1512	25.6	15.6	25.5	15.8
	1542	25.8	15.7	25.5	15.9
	1612	25.8	15.8	25.5	15.8
	1642	25.6	15.9	25.5	15.8
	1712	25.8	15.5	25.5	15.8
	1742	25.6	15.5	25.5	15.6
	1812	25.8	15.3	25.6	15.6
	1842	25.8	15.5	25.6	15.5
	1912	25.9	15.3	25.6	15.5
	1942	25.9	15.3	25.6	15.4
	2012	25.9	15.2	25.7	15.3
	2042	25.9	15.3	25.6	15.4
	2112	25.9	15.5	25.7	15.3
	2142	25.8	15.5	25.8	15.3
	2212	25.7	15.5	25.6	15.3
	2242	25.7	15.5	25.6	15.3
	2312	25.7	15.4	25.6	15.2
	2342	25.8	15.5	25.7	15.3

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
8/21/74	12	25.8	15.5	25.8	15.2
	42	25.7	15.5	25.6	15.4
	112	25.7	15.6	25.6	15.4
	142	25.7	15.6	25.6	15.6
	212	25.8	15.5	25.6	15.6
	242	25.7	15.6	25.6	15.6
	312	25.7	15.7	25.6	15.6
	342	25.6	15.6	25.6	15.6
	412	25.6	15.6	25.6	15.7
	442	25.6	15.6	25.6	15.7
	512	25.6	15.8	25.6	15.7
	542	25.6	15.7	25.6	15.7
	612	25.7	15.5	25.6	15.6
	642	25.6	15.5	25.6	15.5
	712	25.6	15.4	25.6	15.4
	742	25.6	15.4	25.6	15.3
	812	25.6	15.4	25.5	15.3
	842	25.6	15.4	25.4	15.2
	912	25.6	15.3	25.4	15.2
	942	25.6	15.4	25.5	15.2
	1012	25.6	15.4	25.5	15.3
	1112	25.6	15.6	25.6	15.4
	1142	25.6	15.6	25.6	15.4
	1212	25.7	15.6	25.6	15.5
	1242	25.6	15.6	25.5	15.5
	1312	25.6	15.5	25.5	15.4
	1342	25.6	15.5	25.5	15.4
	1412	25.6	15.5	25.5	15.4
	1442	25.6	15.5	25.5	15.4
	1512	25.7	15.5	25.5	15.4
	1542	25.7	15.5	25.5	15.4
	1612	25.6	15.6	25.5	15.4
	1642	25.6	15.6	25.6	15.4
	1712	25.6	15.6	25.6	15.6
	1742	25.6	15.6	25.6	15.6
	1812	25.6	15.6	25.6	15.6
	1842	25.6	15.5	25.6	15.5
	1912	25.6	15.6	25.6	15.4
	1942	25.6	15.6	25.6	15.4
	2012	25.6	15.6	25.6	15.4
	2042	25.6	15.5	25.5	15.4
	2112	25.5	15.5	25.5	15.3
	2142	25.6	15.4	25.5	15.3
	2212	25.5	15.5	25.5	15.3
	2242	25.5	15.5	25.5	15.3
	2312	25.4	15.5	25.3	15.3
	2342	25.3	15.6	25.3	15.4

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
8/22/74	12	25.5	15.7	25.4	15.5
	42	25.5	15.7	25.4	15.5
	112	25.4	15.7	25.4	15.5
	142	25.4	15.7	25.3	15.4
	212	25.4	15.6	25.3	15.4
	242	25.3	15.6	25.3	15.4
	312	25.3	15.6	25.2	15.4
	342	25.3	15.6	25.3	15.4
	412	25.4	15.6	25.3	15.4
	442	25.4	15.6	25.3	15.4
	512	25.4	15.7	25.5	15.7
	542	25.4	15.7	25.5	15.6
	612	25.4	15.6	25.4	15.6
	642	25.3	15.6	25.3	15.4
	712	25.4	15.6	25.3	15.4
	742	25.4	15.6	25.4	15.4
	812	25.4	15.6	25.3	15.4
	842	25.4	15.4	25.3	15.3
	912	25.4	15.4	25.3	15.3
	942	25.5	15.4	25.3	15.2
	1012	25.8	15.3	25.4	15.2
	1042	25.6	15.3	25.4	15.2
	1112	25.6	15.4	25.4	15.2
	1142	25.8	15.4	25.7	15.2
	1212	26.1	15.5	26.0	15.4
	1242	26.2	15.4	26.0	15.4
	1312	26.0	15.5	25.8	15.5
	1342	25.8	15.4	25.7	15.4
	1412	25.8	15.4	25.6	15.4
	1442	25.8	15.4	25.6	15.4
	1512	26.1	15.5	25.5	15.4
	1542	25.6	15.5	25.5	15.3
	1612	25.7	15.6	25.4	15.4
	1642	25.8	15.6	25.5	15.3
	1712	25.7	15.7	25.4	15.5
	1742	25.6	15.7	25.4	15.6
	1812	25.6	15.7	25.5	15.7
	1842	25.6	15.7	25.5	15.6
	1912	25.5	15.6	25.5	15.6
	1942	25.6	15.5	25.4	15.5
	2012	25.6	15.5	25.4	15.4
	2042	25.7	15.4	25.5	15.4
	2112	25.8	15.4	25.6	15.3
	2142	25.8	15.4	25.6	15.3
	2212	25.8	15.4	25.5	15.3
	2242	25.9	15.3	25.4	15.4
	2312	25.8	15.3	25.5	15.3
	2342	25.7	15.1	25.6	15.3

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
8/23/74	12	25.9	15.5	25.8	15.3
	42	26.0	15.5	25.8	15.3
	112	25.7	15.6	25.6	15.5
	142	25.8	15.5	25.6	15.3
	212	25.7	15.5	25.6	15.3
	242	25.7	15.5	25.6	15.3
	312	25.7	15.5	25.6	15.4
	342	25.7	15.5	25.6	15.3
	412	25.7	15.4	25.6	15.4
	442	25.7	15.5	25.6	15.4
	512	25.7	15.5	25.4	15.4
	542	25.7	15.5	25.5	15.5
	612	25.7	15.6	25.5	15.6
	642	25.7	15.6	25.5	15.6
	712	25.8	15.5	25.5	15.6
	742	25.8	15.5	25.6	15.4
	812	25.8	15.3	25.6	15.3
	842	25.8	15.3	25.7	15.2
	912	25.8	15.3	25.6	15.3
	942	25.8	15.1	25.6	15.2
	1012	25.7	15.1	25.6	15.1
	1042	25.8	15.0	25.6	15.3
	1112	26.1	15.0	25.6	15.3
	1142	26.3	14.8	25.6	15.2
	1212	26.0	15.2	25.8	15.1
	1242	26.1	15.1	25.9	15.0
	1312	26.3	15.2	26.1	15.0
	1315	26.2	15.2	26.1	15.1
	1340	26.2	15.2	26.0	15.0
	1341	26.2	15.1	26.0	15.0
	1344	26.2	15.2	26.0	15.0
	1413	26.1	15.1	25.9	15.0
	1443	26.0	15.3	25.8	15.2
	1513	25.9	15.4	25.6	15.4
	1543	25.9	15.4	25.5	15.6
	1613	25.9	15.4	25.5	15.6
	1643	25.9	15.4	25.4	15.7
	1713	25.8	15.5	25.4	15.7
	1743	26.1	15.3	25.4	15.7
	1813	26.1	15.3	25.4	15.7
	1843	26.0	15.2	25.4	15.7
	1913	25.9	15.3	25.5	15.6
	1943	25.9	15.3	25.5	15.5
	2013	25.8	15.2	25.5	15.6
	2043	25.8	15.3	25.5	15.6
	2113	25.8	15.0	25.5	15.5
	2143	25.9	15.0	25.6	15.2
	2213	25.9	15.0	25.6	15.2
	2243	25.8	15.0	25.6	15.2

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
8/24/74	13	25.8	14.9	25.6	15.3
	43	25.8	15.1	25.6	15.3
	113	25.7	15.2	25.6	15.1
	143	25.6	15.2	25.5	15.1
	213	25.6	15.2	25.4	15.0
	243	25.6	15.2	25.4	15.0
	313	25.7	15.2	25.5	15.0
	343	25.6	15.2	25.6	15.3
	413	25.7	15.3	25.5	15.5
	443	25.7	15.4	25.5	15.5
	513	25.7	15.3	25.5	15.5
	543	25.7	15.3	25.5	15.5
	613	25.6	15.2	25.5	15.5
	643	25.5	15.1	25.5	15.5
	713	25.6	15.1	25.4	15.0
	743	25.6	15.1	25.4	15.0
	813	25.6	15.0	25.5	15.0
	843	25.6	14.9	25.5	15.0
	913	25.7	15.0	25.5	15.0
	943	25.6	14.8	25.5	14.9
	1013	25.7	14.8	25.5	14.8
	1043	25.7	14.8	25.5	14.7
	1113	25.8	14.7	25.6	14.7
	1143	25.7	14.7	25.5	14.7
	1213	26.0	14.6	25.5	14.9
	1243	26.1	14.6	25.5	14.9
	1313	25.8	14.8	25.5	15.0
	1343	25.8	14.8	25.6	14.8
	1413	26.1	15.0	26.0	14.9
	1443	26.0	15.0	25.8	14.9
	1513	26.0	15.1	25.6	14.9
	1543	26.0	15.1	25.6	15.0
	1613	26.2	15.1	25.6	15.3
	1643	26.4	15.1	25.5	15.4
	1713	26.7	14.9	25.4	15.5
	1743	26.4	15.0	25.4	15.6
	1813	25.7	15.2	25.4	15.6
	1843	26.5	15.0	25.4	15.7
	1913	26.2	15.1	25.4	15.6
	1943	25.8	15.1	25.4	15.6
	2013	26.0	15.0	25.4	15.6
	2043	25.8	15.0	25.4	15.6
	2113	25.7	15.3	25.5	15.5
	2143	25.7	15.1	25.5	15.4
	2213	25.9	14.7	25.5	15.3
	2243	25.8	14.8	25.6	15.1
	2313	25.8	14.8	25.5	15.2
	2343	25.7	15.2	25.5	15.4

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
8/25/74	13	25.8	14.9	25.5	15.4
	43	25.9	14.8	25.5	15.3
	113	25.9	14.7	25.6	15.1
	143	26.0	15.2	25.7	15.3
	213	26.0	15.2	25.8	15.2
	243	25.8	15.1	25.7	15.0
	313	25.8	15.0	25.6	14.8
	343	25.8	15.0	25.6	14.9
	413	25.8	15.0	25.6	14.9
	443	25.7	15.2	25.5	15.4
	513	25.7	15.1	25.5	15.4
	543	25.7	15.1	25.5	15.4
	613	25.7	15.0	25.5	15.5
	643	25.7	15.1	25.5	15.5
	713	25.7	15.2	25.5	15.6
	743	25.8	15.1	25.6	15.1
	813	25.8	14.9	25.6	15.0
	843	25.8	14.9	25.6	14.9
	913	25.9	14.9	25.6	14.8
	943	25.8	14.9	25.6	14.9
	1013	26.0	14.8	25.6	14.8
	1043	26.0	14.7	25.6	14.7
	1113	26.0	14.7	25.7	14.6
	1143	26.1	14.7	25.8	14.5
	1213	26.3	14.7	25.8	14.5
	1243	26.3	14.7	25.6	15.1
	1313	26.3	14.7	25.6	15.1
	1343	26.4	14.7	25.6	15.0
	1413	26.4	14.8	25.7	14.8
	1443	26.0	15.0	25.8	14.8
	1513	26.3	15.1	25.8	15.0
	1543	26.3	15.1	25.8	15.1
	1613	26.0	15.3	25.6	15.3
	1643	26.0	15.3	25.6	15.3
	1713	26.0	15.3	25.5	15.4
	1743	26.1	15.3	25.5	15.6
	1813	26.2	15.1	25.4	15.8
	1843	25.8	15.5	25.2	16.3
	1913	25.7	15.5	25.2	16.3
	1943	25.6	15.7	25.3	16.0
	2013	25.9	15.2	25.4	15.7
	2043	25.8	15.3	25.5	15.4
	2113	25.8	15.2	25.5	15.4
	2143	26.0	15.1	25.5	15.5
	2213	26.0	15.1	25.5	15.4
	2243	25.8	15.0	25.5	15.6
	2313	25.9	15.0	25.5	15.6
	2343	25.9	15.0	25.5	15.5

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
8/26/74	13	25.8	15.0	25.6	15.2
	43	25.7	15.3	25.6	15.3
	113	25.9	15.0	25.6	15.3
	143	25.9	15.0	25.6	15.1
	213	25.9	14.9	25.6	15.2
	243	25.9	15.1	25.6	15.1
	313	25.9	15.0	25.7	15.0
	343	25.9	15.1	25.6	15.1
	413	26.0	15.1	25.7	15.2
	443	26.0	15.0	25.8	15.0
	513	25.8	15.1	25.6	15.2
	543	25.9	15.0	25.4	15.8
	613	25.8	15.3	25.4	16.0
	643	25.8	15.1	25.3	16.2
	713	25.8	15.2	25.3	16.1
	1020	25.9	15.1	25.5	15.7
	1050	25.9	15.1	25.5	15.7
	1120	26.1	15.1	25.6	15.6
	1150	26.2	15.1	25.6	15.6
	1220	26.4	15.0	25.9	15.3
	1250	26.4	15.0	25.6	15.6
	1320	26.3	15.0	25.6	15.6
	1350	26.4	15.1	25.6	15.7
	1420	26.3	15.2	25.6	15.6
	1450	26.2	15.3	25.6	15.6
	1520	26.2	15.4	25.6	15.6
	1550	26.0	15.4	25.7	15.5
	1620	25.8	15.5	25.6	15.5
	1650	26.0	15.5	25.7	15.5
	1720	26.0	15.5	25.8	15.5
	1750	25.8	15.7	25.6	15.8
	1820	25.8	15.7	25.4	16.1
	1850	25.8	15.7	25.4	16.4
	1920	26.0	15.5	25.4	16.3
	1950	26.0	15.4	25.3	16.5
	2020	26.2	15.4	25.4	16.2
	2050	25.9	15.6	25.6	15.7
	2120	25.9	15.4	25.6	15.6
	2150	25.9	15.4	25.6	15.6
	2220	25.9	15.4	25.6	15.6
	2250	25.8	15.4	25.5	15.6
	2320	25.7	15.5	25.5	15.7
	2350	25.7	15.6	25.6	15.7

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
8/27/74	20	25.7	15.6	25.5	15.8
	50	25.7	15.4	25.5	15.5
	120	25.8	15.3	25.6	15.3
	150	25.9	15.2	25.7	15.2
	220	25.9	15.3	25.7	15.2
	250	25.8	15.3	25.6	15.4
	320	25.9	15.2	25.6	15.4
	350	25.8	15.3	25.6	15.4
	420	25.8	15.4	25.6	15.5
	450	25.8	15.4	25.5	15.8
	520	25.8	15.4	25.6	15.3
	550	25.8	15.4	25.6	15.3
	620	25.8	15.5	25.6	15.3
	650	25.8	15.5	25.4	16.2
	720	25.7	15.6	25.4	16.3
	750	25.8	15.5	25.4	16.4
	820	25.8	15.4	25.4	16.4
	850	25.8	15.4	25.4	16.4
	920	25.8	15.4	25.4	15.9
	950	25.8	15.4	25.6	15.5
	1020	25.8	15.4	25.6	15.5
	1050	25.8	15.5	25.5	15.7
	1120	25.8	15.4	25.5	15.7
	1150	25.8	15.4	25.5	15.7
	1220	25.8	15.5	25.6	15.6
	1250	25.9	15.5	25.6	15.6
	1320	26.0	15.4	25.6	15.5
	1350	26.2	15.2	25.8	15.3
	1420	26.5	15.3	26.0	15.2
	1450	26.2	15.3	26.0	15.2
	1520	26.2	15.3	26.0	15.2
	1550	26.4	15.3	25.9	15.3
	1620	26.4	15.4	26.0	15.2
	1650	26.3	15.4	26.1	15.3
	1720	26.5	15.4	26.3	15.3
	1750	26.5	15.4	25.5	15.6
	1820	26.3	15.5	25.7	15.2
	1850	26.1	15.5	25.5	15.6
	1920	26.0	15.6	25.4	16.4
	1950	26.0	15.6	25.4	16.5
	2020	26.1	15.5	25.4	16.5
	2050	26.6	15.4	25.4	16.6
	2120	26.1	15.5	25.5	15.8
	2150	26.1	15.5	25.6	15.9
	2220	26.2	15.4	25.6	15.9
	2250	26.0	15.5	25.6	15.8
	2320	25.8	15.6	25.7	15.7
	2350	25.8	15.6	25.6	15.9

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
8/28/74	20	25.8	15.5	25.6	15.7
	50	25.8	15.6	25.6	15.6
	120	25.7	15.5	25.6	15.6
	150	25.8	15.4	25.6	15.5
	220	26.0	15.2	25.6	15.4
	250	26.0	15.2	25.8	15.3
	320	26.0	15.3	25.8	15.3
	350	26.0	15.1	25.7	15.3
	420	26.0	15.2	25.7	15.3
	450	26.0	15.3	25.8	15.3
	520	26.0	15.5	25.8	15.4
	550	25.9	15.6	25.7	15.5
	620	25.9	15.5	25.7	15.4
	650	25.9	15.5	25.7	15.4
	720	25.8	15.5	25.5	16.1
	750	25.8	15.5	25.4	16.6
	820	25.9	15.5	25.3	16.9
	850	25.9	15.4	25.3	17.0
	920	25.9	15.5	25.3	16.9
	950	25.9	15.4	25.4	16.6
	1020	26.2	15.4	25.6	15.6
	1120	26.3	15.3	25.9	15.2
	1150	26.3	15.3	25.9	15.2
	1220	26.3	15.2	25.9	15.2
	1250	26.6	15.2	26.0	15.1
	1320	26.8	15.2	26.0	15.1
	1350	26.8	15.2	26.0	15.1
	1420	26.9	15.1	26.1	15.1
	1450	26.8	15.1	25.4	15.3
	1520	25.9	15.4	26.0	15.1
	1550	25.8	15.4	26.0	14.6
	1620	25.5	14.6	25.8	15.5
	1650	27.3	15.1	25.6	15.7
	1720	27.1	14.7	25.6	15.2
	1750	25.8	15.2	25.7	15.7
	1820	26.2	15.1	25.8	15.6
	1850	25.5	15.4	25.4	16.5
	1920	26.1	15.3	25.4	16.9
	1950	26.2	15.3	24.5	17.3
	2020	26.2	15.3	24.5	17.6
	2050	25.7	15.2	24.5	17.5
	2120	26.1	15.1	24.4	17.7
	2150	26.0	15.6	24.5	17.5
	2220	26.0	15.1	24.5	17.4
	2250	25.8	15.6	25.4	16.5
	2320	26.1	15.5	25.8	15.5
	2350	26.1	15.5	25.6	15.5

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
8/29/74	20	26.0	15.5	25.9	15.3
	50	26.1	15.4	26.0	15.4
	120	25.7	15.4	26.0	15.3
	150	26.7	15.1	25.9	15.3
	220	26.2	15.2	25.9	15.3
	250	26.3	15.1	25.9	15.3
	320	26.4	15.1	25.9	15.2
	350	26.4	15.1	25.9	15.3
	420	26.3	15.2	25.9	15.2
	450	26.4	15.1	25.9	15.3
	520	26.2	15.2	25.6	16.1
	550	26.2	15.3	25.6	16.2
	620	26.2	15.4	25.5	16.3
	650	26.0	15.7	25.4	16.6
	720	26.0	15.8	25.2	17.5
	750	26.1	15.9	25.2	17.5
	820	25.9	16.2	25.3	17.4
	850	26.2	15.6	25.3	17.5
	920	26.4	15.4	25.3	17.7
	950	26.5	15.3	25.3	17.7
	1020	26.4	15.3	25.3	17.5
	1050	26.7	15.3	25.3	17.2
	1120	26.9	15.0	25.4	17.0
	1150	27.0	14.9	25.4	16.8
	1220	26.8	14.9	25.7	16.1
	1250	26.8	14.9	26.2	15.1
	1320	26.9	14.9	26.3	14.9
	1350	27.4	14.9	26.3	15.3
	1420	27.3	14.8	25.6	15.3
	1450	25.9	15.1	25.8	15.7
	1520	26.2	15.1	25.9	15.5
	1550	26.2	15.1	26.0	15.3
	1620	25.9	15.1	25.8	15.2
	1650	27.1	14.9	25.8	15.3
	1720	27.5	15.0	25.5	17.1
	1750	26.2	15.3	25.5	16.8
	1820	26.2	15.4	25.4	17.2
	1850	26.2	16.1	24.5	17.6
	1920	25.8	16.2	24.5	17.6
	1950	25.8	15.4	25.4	16.9
	2020	26.1	17.0	25.4	17.2
	2050	26.0	16.8	25.4	17.4
	2120	25.9	16.6	24.4	18.7
	2150	26.0	15.1	24.4	18.9
	2220	26.0	15.2	24.5	18.4
	2250	26.2	15.1	25.4	17.2
	2320	25.9	15.6	25.9	16.4
	2350	25.8	15.5	25.7	16.8

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
8/30/74	20	25.9	15.4	25.6	17.0
	50	25.9	15.4	25.7	16.8
	120	26.2	15.3	25.8	16.9
	150	27.2	15.0	25.5	15.5
	220	27.1	15.0	25.4	15.7
	250	27.1	15.0	25.4	15.7
	320	27.0	14.9	26.1	16.1
	350	27.0	15.0	26.0	15.6
	420	26.8	15.0	25.7	16.8
	450	26.8	14.9	25.6	17.1
	520	26.8	15.1	25.6	17.2
	550	26.7	15.0	25.5	17.4
	620	26.7	15.2	25.4	17.6
	650	26.4	15.5	25.4	17.6
	720	26.0	16.4	25.4	17.6
	750	26.3	15.9	25.4	17.7
	820	26.5	15.9	25.3	18.1
	850	26.4	16.2	25.3	18.0
	920	26.1	16.6	25.4	18.0
	950	26.6	15.7	25.4	18.0
	1020	26.8	15.3	25.4	18.6
	1050	26.8	15.4	25.4	18.3
	1120	26.8	15.5	25.4	18.5
	1150	27.1	15.2	25.4	17.8
	1220	27.0	15.2	25.4	17.5
	1250	27.2	15.3	25.4	17.7
	1320	27.1	15.2	25.4	17.8
	1350	27.2	15.1	25.4	18.1
	1420	27.1	15.1	26.3	15.8
	1450	27.0	15.1	25.7	17.6
	1520	27.1	15.2	25.7	15.3
	1550	27.1	15.1	26.1	16.3
	1620	26.2	15.4	25.9	16.7
	1650	26.2	15.4	26.0	16.7
	1720	26.2	15.4	25.7	16.8
	1750	26.2	15.4	25.5	18.0
	1820	26.3	15.0	25.4	17.4
	1850	26.2	15.1	25.4	18.0
	1920	27.2	15.8	25.4	18.0
	1950	26.3	16.4	25.4	18.1
	2020	26.0	16.3	24.5	18.4
	2050	26.2	16.7	25.4	18.4
	2120	25.8	16.5	25.4	19.1
	2150	26.1	16.1	25.3	19.2
	2220	26.6	16.0	25.4	18.5
	2250	26.9	15.4	25.3	19.2
	2320	26.8	15.4	25.4	18.2
	2350	26.8	15.5	25.6	18.1

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
8/31/74	20	26.8	15.7	25.6	17.9
	50	26.7	15.5	25.6	18.0
	120	26.8	15.5	25.5	18.2
	150	26.8	15.4	26.6	15.9
	220	27.0	15.2	26.7	15.4
	250	26.8	14.9	26.3	16.6
	320	26.9	14.9	26.4	17.0
	350	26.8	14.9	25.6	18.4
	420	26.8	15.0	25.9	17.1
	450	26.8	15.2	25.8	18.2
	520	26.7	15.4	26.1	17.8
	550	26.7	15.3	25.7	18.0
	620	26.7	15.2	25.5	18.4
	650	26.6	15.5	25.6	18.0
	720	26.4	15.9	25.6	17.7
	750	26.3	16.2	25.5	18.2
	820	26.4	15.8	25.5	18.8
	850	26.5	16.2	25.4	19.0
	920	26.6	16.0	25.4	18.9
	950	26.2	17.5	25.4	19.0
	1020	26.7	15.8	25.4	19.1
	1050	26.9	15.5	25.4	19.1
	1120	27.0	15.3	25.4	18.9
	1150	27.0	15.6	25.6	18.6
	1220	27.1	15.5	25.7	18.5
	1250	27.4	15.3	25.7	18.0
	1320	27.6	15.1	25.6	18.5
	1350	27.6	15.1	25.5	18.7
	1420	27.5	14.9	25.7	17.8
	1450	27.3	14.7	26.0	16.9
	1520	27.4	14.7	26.1	16.9
	1550	27.4	14.7	26.0	17.3
	1620	27.5	14.7	25.8	17.4
	1650	27.4	14.7	25.7	18.1
	1720	27.2	14.8	25.6	17.9
	1750	27.3	14.8	25.6	18.0
	1820	27.3	14.8	25.6	18.4
	1841	27.2	15.0	25.5	18.4
	1851	26.3	15.4	25.5	18.0
	1856	26.3	15.4	25.5	18.4
	1926	26.2	15.2	25.6	18.1
	1956	27.5	15.9	25.6	18.3
	2026	26.8	16.1	25.6	17.9
	2104	26.0	16.5	25.6	18.2
	2133	26.9	15.9	25.6	18.3
	2203	26.9	16.0	25.6	19.1
	2233	27.0	15.9	25.6	19.4
	2303	27.0	15.3	25.6	19.4
	2333	27.2	15.3	25.6	19.2

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
9/ 1/74	3	27.1	15.1	25.7	18.5
	33	27.1	15.3	25.8	18.1
	103	27.0	15.4	25.8	18.1
	133	27.0	15.3	25.8	18.2
	203	27.0	15.2	25.8	18.3
	233	27.0	15.1	25.7	18.0
	303	27.2	14.9	25.6	18.7
	333	27.2	14.8	25.7	18.2
	403	27.2	14.4	25.8	18.0
	433	27.2	14.4	25.8	18.0
	503	27.2	14.5	26.0	17.5
	533	27.2	14.8	26.0	17.5
	603	27.1	14.8	25.8	17.9
	633	27.0	14.6	25.8	17.9
	703	27.0	14.9	25.7	18.3
	733	26.8	15.4	25.6	18.4
	803	26.3	17.3	25.7	18.2
	833	26.2	17.2	25.6	18.5
	903	26.6	15.9	25.6	18.6
	933	26.7	16.8	25.7	18.7
	1003	26.6	16.8	25.8	18.6
	1033	26.1	18.2	25.7	18.9
	1103	26.9	16.0	25.7	18.8
	1133	27.1	15.6	25.6	19.0
	1203	26.8	15.9	25.6	19.1
	1233	26.8	16.2	25.6	19.1
	1303	27.0	16.0	25.6	19.1
	1333	27.7	15.4	25.6	19.0
	1403	27.5	15.4	25.5	19.1
	1433	26.9	15.9	25.6	19.0
	1503	27.0	15.7	25.9	18.2
	1533	27.4	15.2	26.0	17.8
	1603	27.1	14.8	26.1	17.5
	1633	27.1	14.8	26.1	17.4
	1703	26.2	15.2	26.0	17.1
	1733	26.0	15.5	26.0	17.0
	1803	25.9	15.4	25.8	17.9
	1833	26.1	15.4	25.8	18.2
	1903	26.2	15.3	25.8	18.1
	1933	25.9	16.7	25.8	18.2
	2003	25.5	17.2	25.8	18.3
	2033	25.8	17.0	25.8	17.8
	2103	26.0	17.0	25.7	18.3
	2133	25.8	16.9	25.7	18.2
	2203	25.8	17.5	25.7	18.1
	2233	26.2	17.8	25.7	18.3
	2303	26.8	17.1	25.6	18.9
	2333	26.5	17.2	25.6	19.0

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
9/ 2/74	3	27.0	16.3	25.6	19.1
	33	27.3	15.6	25.6	19.1
	103	27.1	15.9	25.6	18.4
	133	27.2	15.7	25.7	18.8
	203	27.1	15.8	25.8	18.3
	233	27.1	15.7	26.0	17.6
	303	27.1	15.6	26.5	16.5
	333	27.0	15.1	25.9	18.1
	403	27.1	15.0	25.8	18.4
	433	27.1	15.0	25.8	18.5
	503	27.0	15.0	25.9	18.2
	533	27.0	15.0	26.0	17.9
	603	27.0	15.0	25.9	18.1
	633	27.0	15.0	25.8	18.3
	703	26.9	15.0	25.8	18.3
	733	27.0	15.1	25.9	18.1
	803	26.6	16.1	25.9	18.1
	833	26.6	16.0	26.0	17.9
	903	26.7	16.1	25.8	18.7
	933	26.8	15.7	25.8	18.4
	1003	26.6	16.2	25.8	18.3
	1033	26.7	16.5	25.8	18.8
	1103	27.0	15.9	25.7	18.9
	1133	27.1	15.4	25.7	19.0
	1203	27.1	15.5	25.7	19.1
	1233	27.4	15.2	25.7	19.0
	1303	27.4	15.5	25.7	19.0
	1333	27.0	15.9	25.7	19.0
	1403	26.8	16.0	25.7	18.9
	1433	27.5	15.2	25.8	18.8
	1503	27.1	15.3	25.9	18.3
	1533	28.1	15.0	26.0	17.8
	1603	28.0	15.0	26.0	18.0
	1633	28.1	14.9	26.0	18.1
	1703	28.2	14.9	26.1	17.1
	1733	27.7	14.8	26.1	17.5
	1803	27.0	14.9	26.0	17.8
	1833	26.9	15.0	25.8	18.5
	1903	26.9	14.9	25.8	18.7
	1933	27.3	15.0	25.8	18.5
	2003	27.4	16.0	25.8	18.6
	2033	26.3	17.7	25.9	18.3
	2103	26.3	17.5	26.0	18.0
	2133	26.6	17.0	26.0	18.2
	2203	26.4	17.4	25.9	18.4
	2233	26.4	17.7	25.9	18.4
	2303	26.8	17.6	25.8	18.5
	2333	26.8	16.9	25.8	18.5

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
9/ 3/74	3	26.6	17.0	25.9	18.5
	33	26.3	18.5	25.8	19.0
	103	26.7	17.0	25.8	18.7
	133	26.2	17.7	25.8	18.7
	203	26.2	17.7	25.8	18.8
	233	26.4	16.6	26.0	18.1
	303	26.3	16.9	25.9	18.4
	333	26.4	16.3	26.0	18.1
	403	26.4	16.1	26.1	17.4
	433	26.8	15.7	26.3	16.4
	503	26.8	15.6	26.4	16.0
	533	26.8	15.6	26.4	16.0
	603	26.8	15.6	26.3	16.5
	633	26.8	15.6	26.2	17.1
	703	26.8	15.6	26.1	17.6
	733	26.7	15.7	26.1	17.6
	803	26.5	16.4	26.0	17.9
	833	26.4	17.0	26.0	18.0
	903	26.3	17.4	26.1	17.8
	933	26.4	16.6	26.1	17.6
	1003	26.5	16.9	26.1	17.7
	1033	26.4	17.3	26.0	18.0
	1103	26.6	17.0	26.0	18.0
	1133	26.6	16.7	26.0	17.9
	1203	26.6	17.1	25.9	18.4
	1233	26.3	17.7	25.9	18.6
	1303	26.2	18.0	25.9	18.7
	1333	27.4	16.5	25.9	18.5
	1403	26.3	17.6	25.9	18.5
	1433	27.2	16.3	25.9	18.4
	1503	27.1	16.4	26.2	17.7
	1533	27.2	16.4	26.1	17.8
	1603	27.4	16.0	25.7	17.1
	1633	27.4	15.9	25.9	17.2
	1703	27.4	15.8	26.1	16.8
	1733	27.4	15.7	27.0	16.2
	1803	27.3	15.7	26.1	16.5
	1833	27.3	15.2	25.9	17.0
	1903	27.3	15.2	25.6	16.9
	1933	27.2	15.1	25.4	17.3
	2003	27.2	15.1	26.1	17.8
	2033	27.2	15.1	26.1	17.9
	2103	26.2	16.4	26.1	18.1
	2133	26.8	16.6	25.5	18.0
	2203	26.8	16.4	26.4	17.3
	2233	27.0	16.0	26.7	16.5
	2303	26.6	16.6	26.3	17.5
	2333	26.8	15.9	26.2	17.8

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
9/ 4/74	3	26.8	16.1	26.1	17.9
	33	26.8	16.1	26.0	18.3
	103	26.4	17.4	26.0	18.4
	133	26.1	18.1	25.9	18.6
	203	26.5	15.8	25.9	18.7
	233	26.6	15.7	26.0	18.1
	303	26.5	15.8	26.2	16.6
	333	26.5	15.7	26.1	16.1
	403	26.5	15.6	26.3	16.2
	433	26.5	15.6	26.3	16.1
	503	26.5	15.5	26.3	15.9
	533	26.5	15.5	26.3	15.9
	603	26.4	15.5	26.3	15.9
	633	26.4	15.4	26.2	15.8
	703	26.3	15.4	26.1	16.1
	733	26.3	15.4	26.0	18.1
	803	26.2	15.3	26.0	18.0
	833	26.2	15.3	26.0	18.1

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
9/10/74	917	23.6		23.7	
	946	23.6		23.4	
	1016	23.5		21.9	
	1046	23.4		22.1	
	1116	23.4		21.8	
	1146	23.4		22.2	
	1216	23.3		22.9	
	1246	23.5		22.7	
	1316	23.5		22.7	
	1346	23.5		23.3	
	1416	23.5		22.9	
	1446	23.6		23.6	
	1516	23.7		23.0	
	1546	23.8		23.2	
	1616	23.6		23.1	
	1646	23.6		23.7	
	1716	23.6		22.6	
	1746	23.7		22.9	
	1816	23.7		22.8	
	1846	23.7		23.5	
	1916	23.6		22.9	
	1946	23.6		23.3	
	2016	23.7		22.3	
	2046	23.7		22.9	
	2116	23.6		22.1	
	2146	23.6		22.5	
	2216	23.7		22.7	
	2246	23.7		22.9	
	2316	23.7		22.7	
	2346	23.7		22.2	

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
9/11/74	16	23.6		22.3	
	46	23.6		23.0	
	116	23.7		22.1	
	146	23.6		22.6	
	216	23.6		22.1	
	246	23.5		23.0	
	316	23.5		22.6	
	346	23.6		22.8	
	416	23.7		23.0	
	446	23.6		22.5	
	516	23.6		23.2	
	546	23.7		22.5	
	616	23.7		22.7	
	646	23.7		22.9	
	716	23.7		22.4	
	746	23.6		23.2	
	816	23.7		22.8	
	846	23.6		22.1	
	916	23.7		22.7	
	946	23.7		23.2	
	1016	23.7		22.3	
	1046	23.7		23.1	
	1116	23.7		23.1	
	1146	23.7		23.8	
	1216	24.2		24.3	
	1246	24.3		23.7	
	1316	24.3		23.9	
	1346	24.4		24.7	
	1416	24.4		23.8	
	1446	24.4		24.6	
	1516	24.2		24.3	
	1546	24.0		23.8	
	1616	24.3		23.8	
	1646	24.8		23.5	
	1716	24.3		24.2	
	1746	23.8		21.9	
	1816	23.8		23.5	
	1846	23.8		21.9	
	1916	24.0		23.1	
	1946	23.9		23.4	
	2016	23.9		23.6	
	2046	23.8		22.3	
	2116	23.7		21.9	
	2146	23.7		23.6	
	2216	23.7		23.4	
	2246	23.7		23.8	
	2316	23.7		23.1	
	2346	23.7		23.1	

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
9/12/74	16	23.3		23.7	
	46	22.8		23.8	
	116	23.1		23.8	
	146	22.5		23.8	
	216	23.2		23.8	
	246	23.4		24.0	
	316	23.2		23.9	
	346	23.7		23.9	
	416	22.8		23.9	
	446	23.1		24.2	
	516	23.3		24.2	
	546	24.0		24.1	
	616	23.0		24.1	
	646	24.0		24.1	
	716	24.1		24.1	
	746	22.7		24.0	
	816	23.1		24.0	
	846	23.5		23.9	
	916	23.8		23.9	
	946	23.2		23.8	
	1016	23.5		23.8	
	1046	23.5		23.8	
	1116	23.4		23.7	
	1146	23.6		23.9	
	1216	23.1		24.0	
	1246	24.8		24.2	
	1316	23.6		24.1	
	1346	24.1		24.6	
	1416	25.3		24.6	
	1446	24.4		24.4	
	1516	24.1		24.4	
	1546	23.4		24.5	
	1616	24.4		24.2	
	1646	25.0		24.1	
	1716	23.4		24.2	
	1746	23.9		23.9	
	1816	24.2		24.5	
	1916	23.7			
	2116	22.1			
	2246	23.8			

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
9/14/74	16	24.1		23.3	
	46	24.1		23.8	
	146	28.2		23.7	
	1216	24.5		22.9	
	256	28.4		23.1	
	316	24.1		22.7	
	346	24.2		23.5	
	416	24.0		22.5	
	446	23.9		22.3	
	516	23.9		22.7	
	546	23.8		23.3	
	616	23.7		23.1	
	646	23.7		22.3	
	716	23.5		22.9	
	746	23.7		23.0	
	816	23.9		22.1	
	846	23.8		22.4	
	916	23.8		22.8	
	946	23.5		22.3	
	1016	23.6		21.8	
	1046	23.6		22.3	
	1116	23.9		21.7	
	1146	24.1		22.1	
	1216	24.0		22.8	
	1246	24.2		23.1	
	1316	23.9		22.5	
	1346	24.1		22.3	
	1416	24.1		22.3	
	1446	24.0		22.3	
	1516	24.1		22.5	
	1546	24.0		22.3	
	1616	24.0		22.6	
	1646	24.0		23.1	
	1716	24.0		22.9	
	1746	23.9		22.5	
	1816	24.0		22.6	
	1846	24.0		22.3	
	1916	24.1		22.5	
	1946	23.8		22.1	
	2016	23.9		22.9	
	2046	23.8		22.5	
	2116	23.8		22.4	
	2146	23.7		22.8	
	2216	23.7		22.3	
	2246	23.7		22.5	
	2316	24.0		22.0	
	2346	24.1		22.3	

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
9/15/74	16	24.2		21.9	
	46	24.1		22.3	
	116	23.7		21.9	
	146	23.9		22.5	
	216	24.0		22.5	
	246	24.1		22.3	
	316	24.0		22.4	
	346	24.1		22.9	
	416	23.9		22.7	
	446	23.7		21.8	
	516	23.6		21.6	
	546	23.7		22.5	
	616	23.7		22.4	
	646	23.8		22.4	
	716	23.7		22.1	
	746	23.3		21.7	
	816	23.2		22.1	
	846	23.3		21.6	
	916	23.4		21.7	
	946	23.6		22.1	
	1016	24.0		22.6	
	1046	24.1		22.5	
	1116	24.1		22.2	
	1146	24.1		22.4	
	1216	24.0		21.8	
	1246	24.1		22.7	
	1316	24.1		22.5	
	1346	23.9		22.8	
	1416	23.9		22.3	
	1446	24.0		22.5	
	1516	24.0		22.5	
	1546	23.9		22.2	
	1616	23.9		23.1	
	1646	23.9		22.6	
	1716	23.9		22.6	
	1746	23.9		22.5	
	1816	24.0		22.7	
	1846	24.0		22.6	
	1916	23.9		22.7	
	1946	24.0		23.5	
	2016	24.0		23.2	
	2046	24.0		22.6	
	2116	23.9		22.5	
	2146	24.0		22.9	
	2216	23.9		22.4	
	2246	23.9		22.0	
	2316	23.9		22.4	
	2346	23.9		22.5	

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
9/16/74	16	23.9		22.6	
	46	24.0		23.0	
	116	23.9		22.9	
	146	23.9		22.5	
	216	23.9		22.7	
	246	24.0		22.3	
	316	23.9		22.0	
	346	24.0		23.0	
	416	23.9		23.0	
	446	23.9		22.4	
	516	23.9		22.1	
	546	23.7		22.6	
	616	23.7		23.1	
	646	24.0		22.5	
	716	23.9		22.4	
	746	23.9		22.7	
	816	23.6		22.1	
	846	23.7		22.5	
	916	23.8		22.4	
	946	23.9		23.0	
	1016	23.9		22.2	
	1046	23.8		22.2	
	1116	23.9		22.9	
	1146	23.8		22.4	
	1216	23.9		23.0	
	1246	23.8		22.6	
	1316	23.8		22.5	
	1346	23.9		22.2	
	1416	23.9		22.0	
	1446	23.9		22.8	
	1516	23.9		23.2	
	1546	23.9		22.2	
	1616	23.9		22.6	
	1646	23.9		22.7	
	1716	24.0		23.3	
	1746	24.0		22.8	
	1816	23.9		22.5	
	1846	24.0		22.4	
	1916	23.9		22.8	
	1946	23.9		22.1	
	2016	23.9		22.9	
	2046	23.9		23.2	
	2116	23.9		22.3	
	2146	23.9		23.1	
	2216	23.9		22.5	
	2246	23.8		22.7	
	2316	23.9		22.8	
	2346	23.9		23.1	

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
9/17/74	16	23.9		22.9	
	46	23.9		22.9	
	116	23.9		22.7	
	146	23.9		22.9	
	216	23.9		22.0	
	246	23.8		22.4	
	316	23.8		22.1	
	346	23.8		21.9	
	416	23.7		22.8	
	446	23.7		22.6	
	516	23.7		22.5	
	546	23.7		23.1	
	616	23.7		21.9	
	646	23.6		22.4	
	716	23.7		22.1	
	746	23.7		22.4	
	816	23.7		22.1	

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
9/18/74	912	23.5		21.9	
	941	23.3		22.1	
	1011	23.5		21.7	
	1041	23.3		21.9	
	1111	23.7		22.5	
	1141	23.7		22.3	
	1211	23.6		22.2	
	1311	23.7		22.5	
	1341	23.7		22.4	
	1411	23.7		22.2	
	1441	23.7		22.3	
	1511	23.7		22.7	
	1541	23.7		23.2	
	1611	23.7		23.1	
	1641	23.7		22.5	
	1711	23.7		22.2	
	1741	23.7		22.9	
	1811	23.7		23.3	
	1841	23.7		22.5	
	1911	23.7		22.5	
	1941	23.7		23.4	
	2041	23.7		22.6	
	2111	23.7		23.0	
	2141	23.8		22.4	
	2211	23.9		23.0	
	2241	24.0		23.3	
	2311	23.9		22.6	
	2341	23.8		22.3	

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
9/19/74	11	22.8		23.8	
	41	21.9		23.7	
	111	22.0		23.7	
	141	22.4		23.7	
	211	23.0		23.7	
	241	22.6		23.7	
	311	22.2		23.8	
	341	21.9		23.7	
	411	22.2		23.8	
	441	22.2		23.7	
	511	22.2		23.7	
	541	22.8		23.8	
	611	22.4		23.8	
	641	21.9		23.7	
	711	22.4		23.8	
	741	23.0		23.7	
	811	22.3		23.8	
	841	22.4		23.8	
	911	22.2		23.8	
	941	22.7		23.8	
	1011	22.9		23.8	
	1041	22.1		23.8	
	1111	23.0		24.1	
	1141	22.3		23.8	
	1211	22.4		23.8	
	1241	22.7		23.8	
	1311	23.1		23.8	
	1341	22.8		23.7	
	1411	23.1		23.7	
	1441	22.3		23.7	
	1511	23.1		23.7	
	1541	22.5		23.7	
	1611	22.3		23.7	
	1641	22.9		23.7	
	1711	22.7		23.7	
	1741	22.5		23.7	
	1811	22.5		23.7	
	1841	22.3		23.7	
	1911	23.1		23.8	
	1941	22.3		23.8	
	2011	22.1		23.8	
	2041	22.6		23.8	
	2111	22.4		23.9	
	2141	22.6		23.9	
	2211	22.7		24.0	
	2241	23.3		24.0	
	2311	22.2		24.1	
	2341	22.6		24.0	

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
9/20/74	11	22.4		23.9	
	41	22.4		24.0	
	111	23.0		23.9	
	141	22.3		23.9	
	211	23.0		23.8	
	241	22.5		23.8	
	311	22.5		23.7	
	341	22.2		23.8	
	411	22.3		23.8	
	441	22.7		23.8	
	511	22.5		23.8	
	541	22.0		23.8	
	611	22.7		23.8	
	641	22.7		23.9	
	711	22.3		23.9	
	741	22.4		23.9	
	811	22.5		23.7	
	841	23.1		23.7	
	911	22.5		23.9	
	941	22.5		23.9	
	1011	23.1		23.9	
	1111	22.3		23.9	
	1141	23.3		24.2	
	1211	23.1		24.4	
	1241	22.8		24.0	
	1311	22.9		23.9	
	1341	23.1		23.9	
	1411	22.8		23.8	
	1441	23.1		23.8	
	1511	23.1		23.8	
	1541	22.1		23.8	
	1611	23.3		23.8	
	1641	22.2		23.8	
	1711	22.2		23.8	
	1741	22.1		23.7	
	1811	22.5		23.8	
	1841	22.4		23.8	
	1911	22.9		23.9	
	1941	22.4		23.9	
	2011	22.4		23.9	
	2041	23.6		23.9	
	2111	22.3		24.0	
	2141	22.2		23.9	
	2211	22.8		24.0	
	2241	23.4		24.0	
	2311	22.7		24.0	
	2341	23.1		24.1	

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
9/21/74	11	23.1		24.2	
	41	23.4		24.2	
	111	22.9		24.2	
	141	23.1		24.3	
	211	23.3		24.1	
	241	22.4		23.9	
	311	23.0		23.9	
	341	22.6		23.9	
	411	22.4		23.9	
	441	22.5		23.9	
	511	22.7		23.9	
	541	22.8		23.9	
	611	23.3		24.0	
	641	23.5		24.0	
	711	22.7		23.9	
	741	22.8		24.0	
	811	23.4		24.0	
	841	23.2		24.0	
	911	22.8		24.0	
	941	22.6		24.0	
	1011	23.9		24.0	
	1041	23.1		24.0	
	1111	23.0		24.0	
	1141	23.3		24.0	
	1211	22.7		24.1	
	1241	23.2		24.3	
	1311	23.1		24.4	
	1341	22.9		24.0	
	1411	23.0		24.0	
	1441	22.9		24.0	
	1511	23.3		24.0	
	1541	23.6		23.9	
	1611	22.6		23.9	
	1641	22.9		23.9	
	1711	23.0		24.0	
	1741	23.1		23.9	
	1748	23.3		23.9	
	1818	23.0		24.2	
	1848	23.0		24.3	
	1918	23.5		24.4	
	1948	22.6		24.4	
	2018	23.1		24.4	
	2048	23.7		24.6	
	2118	23.0		24.4	
	2148	22.8		24.4	
	2218	23.3		24.4	
	2248	22.7		24.4	
	2318	23.5		24.3	
	2348	23.0		24.3	

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES CF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
9/22/74	18	22.7		24.2	
	48	22.6		24.2	
	118	22.2		24.2	
	148	22.6		24.2	
	218	22.5		24.2	
	248	23.3		24.2	
	318	23.1		24.1	
	348	22.7		24.0	
	418	22.5		24.0	
	448	22.4		24.0	
	518	22.2		24.0	
	548	23.2		24.0	
	618	22.3		24.0	
	648	23.0		23.9	
	718	22.4		23.9	
	748	22.3		23.8	
	818	22.1		23.8	
	848	22.2		23.7	
	918	22.5		23.6	
	948	22.6		23.6	
	1018	22.8		23.0	
	1048	21.7		23.3	
	1118	21.7		23.6	
	1148	22.0		23.8	
	1218	22.3		23.8	
	1248	22.2		23.5	
	1318	21.6		23.1	
	1348	21.0		22.7	
	1418	22.5		23.9	
	1448	21.6		23.9	
	1518	22.0		23.9	
	1548	22.3		24.0	
	1618	22.5		24.1	
	1648	21.9		24.0	
	1718	21.4		24.0	
	1748	21.9		24.1	
	1818	21.5		24.1	
	1848	21.4		23.3	
	1918	21.9		23.5	
	1948	21.8		23.5	
	2018	22.0		23.4	
	2048	22.1		23.4	
	2118	21.8		23.5	
	2148	21.9		23.4	
	2218	22.0		23.4	
	2248	21.7		23.2	
	2318	21.9		22.8	
	2348	21.7		23.1	

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES CF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
9/23/74	18	21.7		23.0	
	48	21.7		22.7	
	118	22.2		23.0	
	148	22.0		23.1	
	218	21.9		23.0	
	248	22.1		23.0	
	318	21.7		22.9	
	348	21.7		22.9	
	418	21.9		22.9	
	448	21.6		22.9	
	518	21.9		22.4	
	548	20.9		22.1	
	618	21.9		22.2	
	648	21.3		22.7	
	718	21.0		22.5	
	748	21.6		22.6	
	818	21.5		22.7	

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
10/ 2/74	923	18.9			
	952	18.1			
	1022	19.1			
	1052	19.1			
	1122	19.1			
	1152	18.7			
	1222	18.8			
	1252	18.3			
	1322	18.5			
	1352	18.6			
	1422	18.9			
	1452	18.5			
	1522	18.2			
	1552	18.4			
	1622	18.8			
	1652	18.8			
	1722	18.5			
	1752	18.8			
	1822	18.2			
	1852	18.3			
	1922	18.4			
	1952	18.0			
	2022	17.9			
	2052	17.8			
	2122	18.7			
	2152	17.9			
	2222	18.0			
	2252	17.9			
	2322	17.3			
	2352	17.2			

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
10/ 3/74	22	18.2			
	52	17.3			
	122	17.3			
	152	17.7			
	222	17.7			
	252	17.6			
	322	17.5			
	352	17.9			
	422	16.8			
	452	17.1			
	522	17.5			
	552	16.5			
	622	16.6			
	652	17.2			
	722	16.8			
	752	16.9			
	822	17.4			
	852	17.3			
	922	16.6			
	952	17.1			
	1022	16.8			
	1052	16.4			
	1122	16.3			
	1152	16.4			
	1222	16.7			
	1252	16.3			
	1322	16.6			
	1352	16.8			
	1422	17.0			
	1452	17.0			
	1522	15.3			
	1552	15.0			
	1622	16.4			
	1652	16.6			
	1722	16.2			
	1752	16.4			
	1822	16.4			
	1852	15.0			
	1922	15.8			
	1952	16.5			
	2022	15.5			
	2052	16.4			
	2122	16.3			
	2152	16.5			
	2222	15.3			
	2252	15.3			
	2322	16.4			
	2352	16.9			

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
10/ 4/74	22	15.7			
	52	16.6			
	122	14.9			
	152	14.9			
	222	15.2			
	252	15.1			
	322	14.6			
	352	15.2			
	422	14.7			
	452	14.9			
	522	15.0			
	552	14.5			
	622	14.4			
	652	15.6			
	722	14.9			
	752	14.6			
	822	16.5			
	852	16.2			
	922	15.5			
	952	15.2			
	1022	14.9			
	1052	14.7			
	1122	15.8			
	1152	16.0			
	1222	16.9			
	1252	16.5			
	1322	16.2			
	1352	17.0			
	1422	15.9			
	1452	15.8			
	1522	15.7			
	1552	15.4			
	1622	16.1			
	1652	15.2			
	1722	15.2			
	1752	15.5			
	1822	15.4			
	1852	14.9			
	1922	16.0			
	1952	16.0			
	2022	15.8			
	2052	15.0			
	2122	15.5			
	2152	16.0			
	2222	16.2			
	2252	16.1			
	2322	16.0			
	2352	16.4			

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SAL
10/ 5/74	22	16.1			
	52	16.8			
	122	16.6			
	152	16.4			
	222	15.8			
	252	16.0			
	322	15.8			
	352	14.8			
	422	15.4			
	452	15.6			
	522	15.2			
	552	15.5			
	622	15.4			
	652	15.4			
	722	15.6			
	752	15.1			
	822	14.9			
	852	15.0			
	922	15.4			
	952	16.4			
	1022	15.5			
	1052	15.4			
	1122	15.2			
	1152	16.7			
	1222	16.0			
	1252	16.1			
	1322	16.2			
	1352	16.6			
	1422	16.6			
	1452	16.2			
	1522	16.4			
	1552	16.3			
	1622	16.5			
	1652	16.7			
	1722	17.0			
	1752	16.4			
	1822	17.0			
	1852	15.8			
	1922	16.0			
	1952	17.0			
	2022	16.5			
	2052	17.1			
	2122	16.2			
	2152	15.9			
	2222	16.2			
	2252	16.6			
	2322	15.8			
	2352	16.2			

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
10/ 6/74	22	15.6			
	52	15.3			
	122	16.0			
	152	15.9			
	222	16.2			
	252	15.7			
	322	15.5			
	352	16.4			
	422	15.6			
	452	15.4			
	522	15.7			
	552	15.7			
	622	16.1			
	652	15.8			
	722	15.2			
	752	15.4			
	822	15.5			
	852	15.4			
	922	15.7			
	952	15.4			
	1022	15.7			
	1052	16.3			
	1122	16.1			
	1152	16.3			
	1222	16.0			
	1252	15.8			
	1322	16.0			
	1352	16.2			
	1422	16.4			
	1452	16.3			
	1522	17.0			
	1552	16.2			
	1622	15.9			
	1652	15.7			
	1722	16.2			
	1752	16.0			
	1822	15.5			
	1852	15.6			
	1922	15.8			
	1952	15.6			
	2022	15.7			
	2052	16.4			
	2122	15.8			
	2152	17.0			
	2222	17.0			
	2252	16.2			
	2322	16.1			
	2352	16.1			

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES CF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
10/ 7/74	22	16.3			
	52	16.0			
	122	16.0			
	152	16.1			
	222	15.7			
	252	16.2			
	322	16.5			
	352	16.1			
	422	16.7			
	452	15.8			
	522	15.5			
	552	16.0			
	622	15.6			
	652	16.0			
	722	16.4			
	752	16.0			
	822	15.8			
	852	16.7			
	922	16.0			
	952	16.4			
	1022	16.4			
	1052	17.1			
	1122	16.6			
	1152	16.1			
	1222	16.0			
	1252	16.3			
	1322	16.5			
	1352	15.8			
	1422	16.2			
	1452	16.6			
	1522	16.4			
	1552	16.4			
	1622	16.8			
	1652	16.1			
	1722	16.2			
	1752	16.0			
	1822	16.0			
	1852	16.0			
	1922	16.6			
	1952	16.9			
	2022	17.0			
	2052	17.0			
	2122	16.4			
	2152	16.4			
	2222	17.3			
	2252	16.3			
	2322	16.4			
	2352	16.2			

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
10/ 8/74	22	16.9			
	52	16.0			
	122	16.3			
	152	16.0			
	222	16.8			
	252	16.8			
	322	16.2			
	352	16.3			
	422	16.8			
	452	16.2			
	522	16.2			
	552	15.9			
	622	16.1			
	652	16.0			
	722	15.9			
	752	16.1			
	822	16.6			
	852	16.4			
	922	16.0			
	952	15.8			
	1022	15.9			
	1052	15.8			
	1122	15.7			
	1152	16.4			
	1222	15.8			
	1252	16.1			
	1322	16.1			
	1352	15.9			
	1422	15.6			
	1452	16.2			
	1522	16.6			
	1552	15.6			
	1622	15.9			
	1652	16.8			
	1722	16.8			
	1752	16.3			
	1822	16.2			
	1852	16.8			
	1922	16.2			
	1952	15.5			
	2022	16.2			
	2052	15.6			
	2122	15.6			
	2152	16.3			
	2222	16.0			
	2252	16.5			
	2322	16.3			
	2352	16.2			

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
10/ 9/74	22	15.4			
	52	16.2			
	122	16.0			
	152	16.4			
	222	15.4			
	252	15.8			
	322	15.4			
	352	16.1			
	422	16.4			
	452	16.4			
	522	16.1			
	552	15.3			
	622	15.6			
	652	15.1			
	722	15.0			
	752	15.4			
	822	15.0			
	852	15.5			
	922	15.6			
	952	15.8			
	1022	16.2			
	1052	15.4			
	1122	16.1			
	1152	15.6			
	1222	15.7			
	1252	15.8			
	1322	15.5			
	1352	16.3			
	1422	16.0			
	1452	15.8			
	1522	16.0			
	1552	15.8			
	1622	16.5			
	1652	16.1			
	1722	15.5			
	1752	16.0			
	1822	15.8			
	1852	16.3			
	1922	16.3			
	1952	15.9			
	2022	15.3			
	2052	16.0			
	2122	16.4			
	2152	15.5			
	2222	15.2			
	2252	15.6			
	2322	15.7			
	2352	16.1			

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
10/10/74	22	15.6			
	52	15.3			
	122	16.2			
	152	16.2			
	222	15.5			
	252	15.6			
	322	15.4			
	352	15.1			
	422	15.5			
	452	15.9			
	522	15.6			
	552	15.7			
	622	15.2			
	652	15.8			
	722	15.6			
	752	14.9			
	822	15.3			
	852	15.4			
	922	15.2			
	952	15.8			
	1022	14.8			
	1052	15.2			
	1122	16.0			
	1152	15.7			
	1222	15.1			
	1252	15.7			
	1322	15.7			
	1352	15.9			
	1422	16.7			
	1452	15.5			
	1522	15.4			
	1552	15.5			
	1622	15.9			
	1652	15.8			
	1722	15.7			
	1752	15.7			
	1822	15.6			
	1852	15.8			
	1922	15.8			
	1952	16.0			
	2022	15.5			
	2052	15.7			
	2122	15.8			
	2152	16.2			
	2222	16.6			
	2252	15.9			
	2322	16.6			
	2352	16.2			

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
10/11/74	22	16.4			
	52	15.3			
	122	15.8			
	152	16.2			
	222	15.5			
	252	15.7			
	322	15.6			
	352	16.2			
	422	16.1			
	452	15.5			
	522	15.6			
	552	16.2			
	622	15.3			
	652	15.3			
	722	15.7			
	752	14.9			
	822	15.8			
	852	15.1			
	1030	15.7			
	1059	15.6			
	1129	16.6			
	1159	15.6			
	1229	15.7			
	1259	16.0			
	1329	15.8			
	1359	16.6			
	1429	16.0			
	1459	17.0			
	1529	15.7			
	1559	16.4			
	1629	16.9			
	1659	15.8			
	1729	16.6			
	1759	16.2			
	1829	16.7			
	1859	16.0			
	1929	16.1			
	1959	16.6			
	2029	16.6			
	2059	15.8			
	2129	15.6			
	2159	16.0			
	2229	15.5			
	2259	16.7			
	2329	16.6			
	2359	15.9			

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
10/12/74	29	16.5			
	59	15.7			
	129	16.0			
	159	15.5			
	229	15.7			
	259	15.9			
	329	15.8			
	359	15.5			
	429	15.4			
	459	15.9			
	529	16.1			
	629	15.9			
	729	16.4			
	759	15.8			
	829	16.4			
	859	16.0			
	929	16.2			
	959	15.5			
	1029	15.6			
	1059	16.6			
	1129	16.0			
	1159	16.2			
	1229	16.4			
	1259	16.2			
	1329	16.0			
	1359	16.8			
	1429	15.9			
	1459	17.0			
	1529	16.6			
	1559	16.6			
	1629	16.6			
	1659	16.2			
	1729	16.8			
	1759	16.8			
	1829	17.3			
	1859	17.1			
	1929	16.3			
	1959	16.7			
	2029	16.0			
	2059	17.0			
	2129	16.5			
	2159	16.5			
	2229	16.7			
	2259	16.3			
	2329	15.9			
	2359	16.6			

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
10/13/74	29	15.8			
	59	16.2			
	129	16.2			
	159	16.8			
	229	16.1			
	259	16.3			
	329	16.2			
	359	16.8			
	429	16.4			
	459	17.0			
	529	17.1			
	559	16.7			
	629	17.0			
	659	15.8			
	729	16.0			
	759	16.6			
	829	16.3			
	859	16.5			
	929	16.3			
	959	16.6			
	1029	15.8			
	1059	16.7			
	1129	16.6			
	1159	16.7			
	1229	16.4			
	1259	16.5			
	1329	16.6			
	1359	16.8			
	1429	16.4			
	1459	16.8			
	1529	16.4			
	1559	17.8			
	1629	16.5			
	1659	16.9			
	1729	17.5			
	1759	16.9			
	1829	17.3			
	1859	16.4			
	1929	17.2			
	1959	16.5			
	2029	16.8			
	2059	16.0			
	2129	16.8			
	2159	16.0			
	2229	16.4			
	2259	16.4			
	2329	16.4			
	2359	17.0			

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
10/14/74	29	16.8			
	59	16.3			
	129	16.2			
	159	16.0			
	229	15.9			
	259	16.7			
	329	16.5			
	359	16.3			
	429	16.4			
	459	16.0			
	529	16.8			
	559	16.2			
	629	16.2			
	659	16.6			
	729	16.4			
	759	16.6			
	829	16.9			
	859	15.9			
	929	16.4			
	959	16.4			
	1029	16.5			
	1059	16.8			
	1129	16.1			
	1159	16.5			
	1229	16.9			
	1259	15.8			
	1329	16.1			
	1359	15.7			
	1429	16.3			
	1459	16.1			
	1529	16.3			
	1559	16.8			
	1629	16.8			
	1659	16.9			
	1729	17.0			
	1759	17.3			
	1829	16.6			
	1859	17.3			
	1929	16.7			
	1959	16.6			
	2029	17.2			
	2059	16.7			
	2129	17.2			
	2159	16.8			
	2229	16.4			
	2259	16.5			
	2329	16.7			
	2359	16.8			

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
10/15/74	29	16.6			
	59	16.6			
	129	16.6			
	159	17.3			
	229	16.7			
	259	16.6			
	329	16.4			
	359	16.5			
	429	16.9			
	459	16.4			
	529	16.6			
	559	16.6			
	629	16.5			
	659	16.9			
	729	17.1			
	759	16.5			
	829	15.8			
	859	16.2			
	929	16.5			
	959	16.7			
	1029	16.6			
	1059	16.2			
	1129	17.0			
	1159	16.7			
	1229	16.4			
	1259	16.9			
	1329	16.5			
	1359	16.9			
	1429	17.1			
	1459	17.2			
	1529	17.4			
	1559	16.6			
	1629	17.5			
	1659	17.9			
	1729	16.7			
	1759	17.1			
	1829	16.8			
	1859	17.7			
	1929	17.1			
	1959	17.6			
	2029	17.1			
	2059	17.1			
	2129	17.0			
	2159	17.7			
	2229	16.8			
	2259	17.0			
	2329	17.6			
	2359	17.1			

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
10/16/74	29	16.8			
	59	16.9			
	129	17.2			
	159	17.2			
	229	16.4			
	259	17.0			
	329	16.8			
	359	17.0			
	429	17.5			
	459	17.7			
	529	16.7			
	559	17.1			
	629	17.2			
	659	17.2			
	729	17.4			
	759	17.6			
	829	17.0			
	859	17.2			
	929	17.3			
	959	17.4			
	1029	17.0			
	1059	17.0			
	1129	16.6			
	1159	17.2			
	1229	17.3			
	1259	17.4			
	1319	17.7			
	1349	17.3			
	1419	17.2			
	1449	16.8			
	1519	17.0			
	1549	17.0			
	1619	16.7			
	1649	17.0			
	1719	17.0			
	1749	17.5			
	1819	17.3			
	1849	16.6			
	1919	17.3			
	1949	17.0			
	2019	16.7			
	2049	16.6			
	2119	17.1			
	2149	17.6			
	2219	16.6			
	2249	16.6			
	2319	17.0			
	2349	16.8			

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES CF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
10/17/74	19	17.2			
	49	16.9			
	119	17.0			
	149	16.7			
	219	16.4			
	249	16.7			
	319	16.7			
	349	16.4			
	419	16.6			
	449	16.7			
	519	16.6			
	549	16.9			
	619	16.5			
	649	17.0			
	719	16.3			
	819	16.5			
	919	16.5			
	949	16.5			
	1019	16.6			
	1049	17.0			
	1119	16.8			
	1149	16.6			
	1219	16.5			
	1249	16.6			
	1319	16.8			
	1349	17.2			
	1419	17.5			
	1449	17.2			
	1519	17.0			
	1549	16.6			
	1619	17.5			
	1649	16.4			
	1719	16.5			
	1749	17.0			
	1819	16.8			
	1849	17.0			
	1919	16.5			
	1949	17.0			
	2019	17.2			
	2049	17.3			
	2119	16.6			
	2149	16.4			
	2219	16.7			
	2249	16.6			
	2319	16.4			
	2349	16.2			

LOCATION 1 RAPPAHANNOCK RIVER NORRIS BRIDGE,

LATITUDE 37.37.07N, LONGITUDE 76.25.45W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
10/18/74	19	16.6			
	49	16.5			
	119	17.0			
	149	16.6			
	219	16.8			
	249	16.3			
	319	16.7			
	349	16.2			
	419	17.0			
	449	16.2			
	519	16.9			
	549	16.2			
	619	16.3			
	649	16.8			
	719	16.4			
	749	16.0			
	819	16.1			
	849	16.4			
	919	15.9			
	949	16.6			
	1019	16.3			
	1049	16.2			
	1119	15.9			
	1149	16.2			
	1219	16.4			
	1249	17.0			
	1319	16.5			
	1349	16.7			
	1419	15.7			
	1449	16.8			
	1519	16.0			
	1549	16.6			
	1619	16.5			
	1649	16.1			
	1719	16.0			
	1749	16.4			
	1819	16.8			
	1849	15.9			
	1919	16.4			
	1949	16.2			
	2019	16.2			
	2049	16.6			
	2119	16.2			
	2149	16.1			
	2219	15.9			
	2249	16.0			
	2319	15.6			
	2349	16.3			

Rappahannock River
Smokey Point
1974

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREES CF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
4/24/74	1118	9.6	9.8	9.6	
	1147	10.5	11.5	10.5	
	1217	13.1	10.8	13.1	
	1247	13.1	11.0	13.1	
	1317	12.9	11.1	13.0	
	1347	12.8	11.3	12.8	
	1417	12.7	11.5	12.7	
	1447	12.7	11.5	12.8	
	1517	12.7	11.6	12.7	
	1547	12.6	11.6	12.6	
	1617	12.7	11.4	12.8	
	1647	12.5	11.4	12.5	
	1717	12.4	11.3	12.5	
	1747	13.0	10.8	13.0	
	1817	13.0	10.9	13.1	
	1847	12.9	10.9	12.9	
	1917	12.5	11.0	12.5	
	1947	12.3	11.2	12.3	
	2017	12.3	11.1	12.3	
	2047	12.4	11.2	12.5	
	2117	12.4	11.2	12.4	
	2147	12.4	10.9	12.4	
	2217	12.6	10.9	12.6	
	2247	12.6	10.9	12.7	
	2317	12.7	10.7	12.7	
	2347	12.8	11.0	12.8	

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
4/25/74	17	12.8	11.1	12.8	
	47	12.7	11.2	12.7	
	117	12.6	11.5	12.7	
	147	12.6	11.7	12.7	
	217	12.5	11.6	12.5	
	247	12.3	11.7	12.4	
	317	12.4	11.3	12.4	
	347	12.4	11.8	12.5	
	417	12.4	11.9	12.4	
	447	12.4	11.9	12.4	
	517	12.4	11.8	12.5	
	547	12.4	11.8	12.4	
	617	12.5	11.9	12.5	
	647	12.4	11.3	12.5	
	717	12.1	11.4	12.2	
	747	12.3	11.3	12.3	
	817	12.3	11.2	12.3	
	847	12.3	11.2	12.4	
	917	12.4	10.9	12.5	
	947	12.3	11.2	12.3	
	1017	12.3	11.2	12.3	
	1047	12.4	11.1	12.4	
	1117	12.3	11.1	12.4	
	1147	12.4	10.9	12.4	
	1217	12.3	11.1	12.3	
	1247	12.3	11.2	12.4	
	1317	12.3	11.2	12.4	
	1347	12.3	11.3	12.3	
	1417	12.3	11.4	12.4	
	1447	12.3	11.7	12.3	
	1517	12.3	11.7	12.3	
	1547	12.3	11.7	12.4	
	1617	12.4	11.9	12.5	
	1647	12.4	11.8	12.5	
	1717	12.4	11.8	12.4	
	1747	12.3	11.7	12.3	
	1817	12.3	11.7	12.4	
	1847	12.2	11.7	12.3	
	1917	12.3	11.6	12.3	
	1947	12.4	11.5	12.4	
	2017	12.6	11.8	12.7	
	2047	12.5	11.5	12.5	
	2117	12.5	11.2	12.6	
	2147	12.5	11.1	12.5	
	2217	12.5	11.1	12.5	
	2247	12.5	11.2	12.6	
	2317	12.4	11.4	12.5	
	2347	12.4	11.6	12.5	

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREES CF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
4/26/74	17	12.4	11.7	12.4	
	47	12.5	11.9	12.5	
	117	12.5	11.8	12.6	
	147	12.5	11.8	12.6	
	217	12.6	11.8	12.6	
	247	12.6	11.9	12.7	
	317	12.6	11.8	12.7	
	347	12.6	11.8	12.6	
	417	12.6	11.9	12.6	
	447	12.6	12.3	12.6	
	517	12.4	12.0	12.5	
	547	12.5	11.5	12.5	
	617	12.6	11.5	12.6	
	647	12.5	11.7	12.5	
	717	12.5	11.6	12.5	
	747	12.5	11.4	12.6	
	817	12.5	11.4	12.5	
	847	12.2	11.4	12.3	
	917	12.2	11.3	12.2	
	947	12.2	11.5	12.2	
	1017	12.3	11.3	12.4	
	1047	12.4	11.3	12.4	
	1117	12.4	11.3	12.5	
	1147	12.5	11.2	12.5	
	1217	12.3	11.2	12.3	
	1247	12.5	11.2	12.5	
	1317	12.1	11.4	12.2	
	1347	12.4	11.5	12.4	
	1417	12.3	11.5	12.4	
	1447	12.4	11.6	12.5	
	1517	12.4	11.7	12.4	
	1547	12.4	11.7	12.5	
	1617	12.3	11.8	12.3	
	1647	12.3	12.1	12.4	
	1717	12.4	12.0	12.5	
	1747	12.4	12.0	12.5	
	1817	12.3	11.8	12.4	
	1847	12.4	11.6	12.4	
	1917	12.3	12.0	12.3	
	1947	12.4	11.9	12.4	
	2017	12.3	11.8	12.3	
	2047	12.4	11.6	12.5	
	2117	12.4	11.6	12.5	
	2147	12.3	11.5	12.3	
	2217	12.3	11.4	12.4	
	2247	12.3	11.5	12.3	
	2317	12.3	11.4	12.3	
	2347	12.3	11.5	12.4	

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
4/27/74	17	12.4	11.5	12.5	
	47	12.4	11.5	12.5	
	117	12.4	11.5	12.4	
	147	12.4	11.5	12.4	
	217	12.3	11.7	12.4	
	247	12.4	12.1	12.4	
	317	12.5	11.7	12.6	
	347	12.5	12.0	12.5	
	417	12.5	12.3	12.5	
	447	12.5	11.8	12.5	
	517	12.5	12.5	12.5	
	547	12.5	12.3	12.5	
	617	12.5	11.7	12.5	
	647	12.5	11.7	12.5	
	717	12.6	12.2	12.6	
	747	12.5	11.7	12.6	
	817	12.5	11.7	12.5	
	847	12.5	11.6	12.5	
	917	12.6	11.5	12.6	
	947	12.5	11.5	12.6	
	1017	12.6	11.5	12.7	
	1047	12.5	11.6	12.6	
	1117	12.5	11.6	12.5	
	1147	12.4	11.7	12.4	
	1217	12.5	11.5	12.5	
	1247	12.5	11.5	12.5	
	1317	12.5	11.5	12.5	
	1347	12.6	11.5	12.6	
	1417	12.5	11.6	12.5	
	1447	12.6	11.8	12.6	
	1517	12.5	12.0	12.5	
	1547	12.6	11.9	12.6	
	1617	12.5	11.9	12.6	
	1647	12.5	12.1	12.5	
	1717	12.5	12.1	12.5	
	1747	12.6	11.9	12.6	
	1817	12.5	12.0	12.5	
	1847	12.5	12.1	12.6	
	1917	12.5	12.1	12.5	
	1947	12.4	12.1	12.5	
	2017	12.5	12.1	12.6	
	2047	12.5	12.1	12.5	
	2117	12.5	12.1	12.5	
	2147	12.5	12.1	12.5	
	2217	12.4	12.0	12.5	
	2247	12.6	11.8	12.7	
	2317	12.6	11.8	12.7	
	2347	12.6	11.7	12.6	

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
4/28/74	17	12.6	11.8	12.6	
	47	12.6	11.7	12.7	
	117	12.6	11.8	12.7	
	147	12.7	11.7	12.7	
	217	12.9	11.8	12.9	
	247	13.0	11.9	13.0	
	317	12.8	12.0	12.9	
	347	12.9	12.0	12.9	
	417	12.8	12.0	12.9	
	447	12.8	12.2	12.9	
	517	12.7	12.2	12.7	
	547	12.8	12.1	12.8	
	617	12.7	12.1	12.7	
	647	12.7	12.0	12.7	
	717	12.6	12.3	12.6	
	747	12.6	12.2	12.7	
	817	12.7	12.2	12.7	
	847	12.7	11.9	12.7	
	917	12.9	12.0	12.9	
	947	13.1	11.7	13.1	
	1017	13.2	11.6	13.2	
	1047	13.2	11.5	13.3	
	1117	13.2	11.5	13.2	
	1147	13.2	11.5	13.2	
	1217	13.1	11.6	13.1	
	1247	13.1	11.7	13.1	
	1317	13.1	11.5	13.1	
	1347	13.4	11.8	13.5	
	1417	13.2	11.8	13.2	
	1447	13.2	11.9	13.3	
	1517	13.1	11.6	13.1	
	1547	13.3	11.6	13.4	
	1617	13.3	11.7	13.3	
	1647	13.0	11.8	13.0	
	1717	13.1	11.8	13.1	
	1747	12.9	11.9	13.0	
	1817	12.9	11.9	13.0	
	1847	12.9	12.0	13.0	
	1917	12.9	12.0	12.9	
	1947	12.8	11.9	12.9	
	2017	12.8	11.9	12.8	
	2047	12.8	12.0	12.9	
	2117	12.9	12.1	12.9	
	2147	12.9	11.9	12.9	
	2217	12.9	11.9	12.9	
	2247	13.1	11.9	13.1	
	2317	13.2	11.9	13.2	
	2347	13.6	11.8	13.6	

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
4/29/74	17	13.9	11.5	13.9	
	47	13.9	11.4	13.9	
	117	13.7	11.3	13.7	
	147	13.5	11.5	13.6	
	217	13.6	11.5	13.6	
	247	13.3	11.8	13.3	
	317	13.3	11.8	13.4	
	347	13.4	11.8	13.4	
	417	13.2	11.8	13.3	
	447	13.0	12.0	13.1	
	517	13.1	12.0	13.1	
	547	13.1	12.1	13.1	
	617	13.1	12.1	13.2	
	647	13.1	12.1	13.1	
	717	13.1	12.1	13.1	
	747	13.1	12.1	13.2	
	817	13.2	12.0	13.2	
	847	13.1	12.0	13.1	
	917	13.0	12.1	13.1	
	947	13.2	12.1	13.2	
	1017	13.4	11.9	13.4	
	1047	13.9	11.5	13.9	

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
4/29/74	1159	13.4	11.5	13.5	
	1228	13.0	11.7	13.0	
	1258	13.0	11.6	13.0	
	1328	13.7	11.3	13.8	
	1358	13.8	11.3	13.9	
	1428	14.0	11.1	14.1	
	1458	13.2	11.5	13.3	
	1528	13.8	11.3	13.9	
	1558	14.0	11.2	14.1	
	1628	14.1	11.2	14.1	
	1658	14.1	11.4	14.1	
	1728	13.4	11.6	13.4	
	1758	13.2	11.8	13.2	
	1828	13.3	12.0	13.4	
	1858	13.3	12.0	13.3	
	1928	13.4	12.0	13.4	
	1958	13.3	12.1	13.4	
	2028	13.3	12.1	13.3	
	2058	13.3	12.1	13.3	
	2128	13.3	12.1	13.4	
	2158	13.4	12.1	13.4	
	2228	13.3	11.9	13.3	
	2258	13.2	11.9	13.2	
	2328	13.1	11.9	13.2	
	2358	13.2	12.0	13.3	

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NC. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
4/30/74	28	13.3	11.8	13.4	
	58	13.1	11.8	13.2	
	128	13.2	11.7	13.3	
	158	13.2	11.7	13.3	
	228	13.3	11.5	13.3	
	258	13.4	11.5	13.5	
	328	13.7	11.5	13.7	
	358	14.2	11.4	14.2	
	428	13.4	11.6	13.4	
	458	13.7	11.6	13.7	
	528	13.6	11.7	13.7	
	558	13.6	11.8	13.6	
	628	13.7	11.7	13.7	
	658	13.5	11.7	13.6	
	728	13.7	11.9	13.7	
	758	13.7	11.8	13.8	
	828	13.5	11.9	13.6	
	858	13.4	11.9	13.4	
	928	13.1	11.9	13.1	
	958	13.1	12.1	13.2	
	1028	13.2	12.1	13.3	
	1058	13.4	11.9	13.4	
	1128	13.6	11.9	13.6	
	1158	13.5	11.7	13.5	
	1228	13.6	11.7	13.7	
	1258	13.6	11.7	13.6	
	1328	13.8	11.5	13.9	
	1358	13.3	11.5	13.3	
	1428	13.4	11.5	13.5	
	1458	13.5	11.5	13.5	
	1528	13.5	11.4	13.5	
	1558	13.5	11.5	13.5	
	1628	13.8	11.5	13.8	
	1658	13.7	11.5	13.7	
	1728	13.5	11.8	13.5	
	1758	13.4	11.9	13.5	
	1828	13.3	12.0	13.4	
	1858	13.3	12.1	13.3	
	1928	13.5	12.1	13.5	
	1958	13.5	12.1	13.5	
	2028	13.5	12.1	13.5	
	2058	13.3	12.3	13.3	
	2128	13.3	12.3	13.3	
	2158	13.3	12.2	13.3	
	2228	13.3	12.1	13.3	
	2258	13.4	12.1	13.5	
	2328	13.3	12.1	13.4	
	2358	13.4	12.0	13.5	

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
5/ 1/74	28	13.3	12.2	13.4	
	58	13.4	12.1	13.4	
	128	13.4	12.0	13.5	
	158	13.6	11.9	13.6	
	228	13.4	12.0	13.4	
	258	13.5	11.9	13.6	
	328	13.5	11.7	13.5	
	358	13.7	11.7	13.7	
	428	14.0	11.6	14.0	
	458	14.2	11.5	14.3	
	528	14.6	11.6	14.7	
	558	14.5	11.5	14.5	
	628	14.5	11.7	14.5	
	658	14.4	11.6	14.5	
	728	14.6	11.5	14.7	
	758	14.3	11.8	14.3	
	828	14.5	11.7	14.5	
	858	14.2	11.9	14.2	
	928	13.6	12.0	13.7	
	958	13.4	12.0	13.5	
	1028	13.6	12.1	13.6	
	1058	13.5	12.1	13.6	
	1128	13.5	12.1	13.6	
	1158	13.6	11.9	13.7	
	1228	14.4	11.7	14.5	
	1258	15.2	11.5	15.2	
	1328	14.0	11.7	14.1	
	1358	13.9	11.9	13.9	
	1428	13.9	11.9	14.0	
	1458	13.7	11.9	13.7	
	1528	13.7	11.9	13.7	
	1558	13.7	11.8	13.7	
	1628	13.8	11.8	13.9	
	1658	14.0	11.6	14.1	
	1728	14.3	11.5	14.4	
	1758	15.1	11.4	15.1	
	1828	15.4	11.4	15.4	
	1858	15.3	11.5	15.4	
	1928	15.5	11.5	15.5	
	1958	15.4	11.6	15.5	
	2028	15.1	11.8	15.2	
	2058	15.3	11.7	15.4	
	2128	15.3	11.7	15.3	
	2158	14.8	11.9	14.8	
	2228	14.5	12.1	14.6	
	2258	14.4	12.1	14.4	
	2328	14.5	12.1	14.5	
	2358	14.5	12.1	14.5	

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
5/ 2/74	28	14.7	11.9	14.7	
	58	14.6	11.9	14.7	
	128	14.9	11.8	15.0	
	158	14.8	11.5	14.8	
	228	14.3	11.6	14.3	
	258	15.4	11.2	15.4	
	328	15.4	11.2	15.4	
	358	15.5	11.0	15.6	
	428	15.7	10.9	15.8	
	458	15.3	11.0	15.3	
	528	15.3	11.0	15.3	
	558	15.5	11.0	15.5	
	628	15.4	11.2	15.4	
	658	15.0	11.4	15.0	
	728	15.1	11.4	15.1	
	758	14.6	11.6	14.6	
	828	14.9	11.7	14.9	
	858	15.1	11.5	15.1	
	928	14.8	11.7	14.9	
	958	14.7	11.7	14.8	
	1028	14.5	11.8	14.5	
	1058	14.4	12.0	14.4	
	1128	14.3	12.0	14.4	
	1158	14.3	11.9	14.3	
	1228	14.3	11.9	14.3	
	1258	14.4	12.0	14.4	
	1328	14.4	12.0	14.5	
	1358	14.5	12.0	14.5	
	1428	15.0	11.7	15.0	
	1458	15.3	11.5	15.4	
	1528	15.5	11.5	15.5	
	1558	15.3	11.3	15.4	
	1628	15.2	11.5	15.2	
	1658	15.3	11.4	15.3	
	1728	14.5	11.7	14.5	
	1758	14.6	11.7	14.7	
	1828	14.7	11.6	14.7	
	1858	15.0	11.3	15.0	
	1928	14.8	11.4	14.9	
	1958	14.8	11.6	14.8	
	2028	14.8	11.6	14.8	
	2058	14.9	11.8	15.0	
	2128	14.8	11.8	14.8	
	2158	14.8	11.8	14.9	
	2228	14.5	11.8	14.6	
	2258	14.4	12.1	14.4	
	2328	14.4	12.1	14.4	
	2358	14.5	12.1	14.5	

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
5/ 3/74	28	14.3	12.2	14.4	
	58	14.2	12.1	14.2	
	128	14.3	12.1	14.3	
	158	14.5	12.1	14.5	
	228	14.5	12.0	14.6	
	258	14.9	11.6	14.9	
	328	14.9	11.5	15.0	
	358	15.1	11.3	15.1	
	428	15.1	11.4	15.1	
	458	15.2	11.3	15.2	
	528	15.1	11.3	15.2	
	558	15.2	11.1	15.2	
	628	15.1	11.2	15.1	
	658	15.0	11.2	15.1	
	728	14.7	11.3	14.8	
	758	14.9	11.4	14.9	
	828	14.9	11.4	14.9	
	858	14.9	11.6	15.0	
	928	14.8	11.6	14.9	
	958	14.7	11.7	14.8	
	1028	14.8	11.8	14.8	
	1058	14.8	11.8	14.9	
	1128	14.8	11.7	14.8	
	1158	14.6	11.7	14.7	
	1228	14.7	11.7	14.7	
	1258	14.6	11.7	14.6	
	1328	14.6	11.9	14.7	
	1358	14.5	11.7	14.5	
	1428	14.7	11.6	14.7	
	1458	14.8	11.6	14.8	
	1528	15.0	11.5	15.0	
	1558	15.0	11.5	15.1	
	1628	15.1	11.4	15.1	
	1658	15.1	11.4	15.2	
	1728	15.2	11.2	15.3	
	1758	15.3	11.2	15.3	
	1828	15.3	11.2	15.4	
	1858	15.6	11.1	15.6	
	1928	15.4	11.2	15.4	
	1958	15.5	11.3	15.5	
	2028	15.3	11.4	15.4	
	2058	14.9	11.5	15.0	
	2128	14.7	11.6	14.7	
	2158	14.9	11.7	14.9	
	2228	15.0	11.6	15.1	
	2258	15.0	11.7	15.0	
	2328	15.0	11.7	15.1	
	2358	14.8	11.9	14.8	

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
5/ 4/74	28	14.8	11.9	14.8	
	58	14.7	11.8	14.8	
	128	14.7	11.8	14.7	
	158	14.7	11.9	14.7	
	228	14.6	12.1	14.7	
	258	14.9	11.8	14.9	
	328	14.8	11.5	14.9	
	358	15.2	11.4	15.2	
	428	15.4	11.2	15.4	
	458	15.4	11.2	15.4	
	528	15.3	11.2	15.3	
	558	15.2	11.2	15.3	
	628	15.3	11.1	15.4	
	658	15.4	11.1	15.5	
	728	15.3	11.0	15.3	
	758	15.3	11.0	15.3	
	828	15.2	11.0	15.3	
	858	15.2	11.0	15.3	
	928	15.3	11.2	15.3	
	958	15.3	11.2	15.4	
	1028	15.2	11.2	15.2	
	1058	15.2	11.3	15.3	
	1128	15.1	11.2	15.1	
	1158	15.2	11.4	15.2	
	1228	15.1	11.6	15.1	
	1258	15.1	11.4	15.2	
	1328	14.9	11.6	15.0	
	1358	14.9	11.6	15.0	
	1428	15.0	11.6	15.0	
	1458	15.0	11.5	15.1	
	1528	15.1	11.2	15.1	
	1558	15.3	11.1	15.3	
	1628	15.3	11.2	15.3	
	1658	15.3	11.3	15.4	
	1728	15.5	11.3	15.5	
	1758	15.5	11.3	15.6	
	1828	15.6	11.1	15.7	
	1858	15.6	10.9	15.6	
	1928	15.5	10.9	15.5	
	1958	15.5	11.2	15.5	
	2028	15.5	11.2	15.5	
	2058	15.5	11.2	15.5	
	2128	15.6	11.2	15.6	
	2158	15.7	11.3	15.7	
	2228	15.7	11.3	15.7	
	2258	15.5	11.3	15.5	
	2328	15.4	11.6	15.4	
	2358	15.3	11.6	15.4	

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NC. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
5/ 5/74	28		11.6	15.3	
	58		11.8	15.1	
	128		11.8	15.0	
	158		11.6	15.1	
	228		11.8	15.1	
	258		11.8	15.0	
	328		11.7	15.1	
	358		11.6	15.2	
	428		11.3	15.3	
	458		11.3	15.3	
	528		11.0	15.4	
	558		10.9	15.5	
	628		10.9	15.4	
	658		10.9	15.3	
	728		10.9	15.2	
	758		10.9	15.2	
	828		10.9	15.2	
	858		10.9	15.2	
	928		11.0	15.2	
	958		11.1	15.1	
	1028		11.3	15.1	
	1058		11.3	15.2	
	1128		11.5	15.1	
	1158		11.5	15.1	
	1228		11.6	15.0	
	1258		11.6	15.0	
	1328		11.6	15.0	
	1358		11.7	15.1	
	1428		11.8	15.1	
	1458		11.7	15.0	
	1528		11.7	15.0	
	1558		11.6	15.0	
	1628		11.7	15.1	
	1658		11.8	15.0	
	1728		11.7	15.0	
	1758		11.5	15.1	
	1828		11.5	15.1	
	1858		11.4	15.1	
	1928		11.3	15.1	
	1958		11.4	15.0	
	2028		11.5	15.1	
	2058		11.5	15.0	
	2128		11.6	14.9	
	2158		11.5	15.0	
	2228		11.6	15.0	
	2258		11.7	15.0	
	2328		11.7	15.0	
	2358		11.7	15.0	

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NC. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
5/ 6/74	28		11.8	14.9	
	58		11.9	14.8	
	128		12.0	14.9	
	158		11.8	15.0	
	228		11.8	14.9	
	258		11.8	15.0	
	328		11.8	15.0	
	358		11.7	14.9	
	428		11.7	14.9	
	458		11.6	14.9	
	528		11.6	14.8	
	558		11.5	14.8	
	628		11.5	14.8	
	658		11.5	14.7	
	728		11.4	14.7	
	758		11.4	14.6	
	828		11.4	14.6	
	858		11.4	14.5	
	928		11.2	14.7	
	958		11.4	14.7	

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
5/ 6/74	944	16.2	10.9	14.5	
	1013	16.2	11.1	14.6	
	1043	16.3	11.1	14.6	
	1113	16.2	11.2	14.6	
	1143	16.3	11.1	14.6	
	1213	16.2	11.2	14.5	
	1243	16.2	11.3	14.5	
	1313	16.2	11.3	14.5	
	1343	16.3	11.1	14.6	
	1413	16.2	11.3	14.7	
	1443	16.3	11.3	14.7	
	1513	16.3	11.5	14.7	
	1543	16.2	11.4	14.7	
	1613	16.3	11.2	14.6	
	1643	16.5	11.3	14.8	
	1713	16.7	11.0	14.8	
	1743	16.6	11.1	14.7	
	1813	16.7	10.9	14.7	
	1843	16.7	10.7	14.8	
	1913	16.8	10.6	15.1	
	1943	16.8	10.7	15.0	
	2013	16.6	10.7	15.0	
	2043	16.7	10.7	14.9	
	2113	16.6	10.8	14.8	
	2143	16.7	10.8	14.9	
	2213	16.5	11.0	14.9	
	2243	16.5	11.0	14.9	
	2313	16.6	11.1	14.9	
	2343	16.6	11.2	15.0	

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 27.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
5/ 7/74	13	16.5	11.3	14.8	
	43	16.5	11.3	14.9	
	113	16.4	11.2	14.9	
	143	16.4	11.3	14.9	
	213	16.4	11.2	14.9	
	243	16.4	11.2	14.9	
	313	16.5	11.3	14.9	
	343	16.4	11.3	14.9	
	413	16.3	11.2	14.8	
	443	16.4	11.2	14.8	
	513	16.2	11.1	14.8	
	543	16.2	11.0	14.6	
	613	16.2	11.0	14.5	
	643	16.2	11.0	14.6	
	713	16.3	10.8	14.7	
	743	16.3	10.9	14.6	
	813	16.3	10.9	14.7	
	843	16.3	10.8	14.8	
	913	16.3	10.8	14.7	
	943	16.3	10.8	14.6	
	1013	16.3	10.9	14.6	
	1043	16.3	10.8	14.7	
	1113	16.4	10.8	14.6	
	1143	16.3	10.8	14.7	
	1213	16.3	10.9	14.5	
	1243	16.3	11.0	14.7	
	1313	16.3	11.1	14.7	
	1343	16.3	11.0	14.7	
	1413	16.5	10.9	14.8	
	1443	16.6	11.0	14.8	
	1513	16.6	11.0	14.8	
	1543	16.7	10.8	14.7	
	1613	16.6	10.9	14.7	
	1643	16.6	11.0	14.7	
	1713	16.8	10.9	14.7	
	1743	16.8	10.7	14.7	
	1813	16.8	10.8	14.8	
	1843	16.8	10.6	15.1	
	1913	16.7	10.7	15.2	
	1943	16.6	10.6	15.2	
	2013	16.7	10.5	15.1	
	2043	16.6	10.5	15.1	
	2113	16.6	10.5	15.0	
	2143	16.5	10.6	15.0	
	2213	16.6	10.8	14.9	
	2243	16.4	10.9	14.8	
	2313	16.4	10.9	14.8	
	2343	16.4	10.9	14.8	

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
5/ 8/74	13	16.4	10.9	14.9	
	43	16.4	10.9	14.8	
	113	16.5	10.9	14.8	
	143	16.5	10.9	14.7	
	213	16.5	10.9	14.7	
	243	16.4	11.1	14.9	
	313	16.3	11.0	14.7	
	343	16.2	11.0	14.7	
	413	16.5	11.0	14.9	
	443	16.4	11.0	14.8	
	513	16.5	11.2	14.9	
	543	16.4	11.0	14.9	
	613	16.4	11.1	14.9	
	643	16.3	10.8	14.9	
	713	16.3	10.8	14.8	
	743	16.3	10.7	14.8	
	813	16.3	10.7	14.9	
	843	16.2	10.6	14.7	
	913	16.3	10.5	14.8	
	943	16.2	10.6	14.8	
	1013	16.3	10.5	14.7	
	1043	16.2	10.6	14.7	
	1113	16.3	10.6	14.6	
	1143	16.5	10.7	14.7	
	1213	16.6	10.7	14.7	
	1243	16.6	10.8	14.7	
	1313	16.6	10.8	14.6	
	1343	16.6	10.8	14.7	
	1413	16.7	10.8	14.6	
	1443	16.7	10.9	14.8	
	1513	16.5	11.0	14.9	
	1543	16.5	11.1	14.7	
	1613	16.6	11.1	14.8	
	1643	16.6	11.1	14.8	
	1713	16.6	11.1	14.8	
	1743	16.6	11.0	14.8	
	1813	16.6	11.1	14.8	
	1843	16.6	11.0	14.9	
	1913	16.6	11.0	14.9	
	1943	16.5	11.0	14.9	
	2013	16.5	10.9	14.9	
	2043	16.5	10.9	14.8	
	2113	16.4	10.9	14.8	
	2143	16.4	10.9	14.7	
	2213	16.4	10.9	14.9	
	2243	16.5	11.0	14.8	
	2313	16.4	11.0	14.7	
	2343	16.3	11.0	14.8	

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
5/ 9/74	13	16.3	11.1	14.7	
	43	16.4	11.1	14.8	
	113	16.4	11.2	14.8	
	143	16.4	11.2	14.8	
	213	16.5	11.3	14.9	
	243	16.4	11.3	14.9	
	313	16.4	11.2	14.8	
	343	16.3	11.2	14.8	
	413	16.3	11.1	14.8	
	443	16.3	11.2	14.7	
	513	16.3	11.2	14.7	
	543	16.3	11.1	14.8	
	613	16.3	11.1	14.7	
	643	16.3	11.0	14.7	
	713	16.3	10.9	14.6	
	743	16.3	11.0	14.6	
	813	16.3	10.9	14.6	
	843	16.3	10.9	14.6	
	913	16.3	10.9	14.6	
	943	16.3	10.9	14.6	
	1013	16.3	10.9	14.6	
	1043	16.4	10.9	14.7	
	1113	16.5	11.0	14.8	
	1143	16.4	11.0	14.8	
	1213	16.4	11.0	14.8	
	1243	16.4	11.0	14.8	
	1313	16.5	11.1	14.8	
	1343	16.5	11.1	14.8	
	1413	16.5	11.1	14.9	
	1443	16.6	11.1	14.8	
	1513	16.6	11.1	14.8	
	1543	16.6	11.1	14.8	
	1613	16.6	11.1	14.8	
	1643	16.6	11.1	14.8	
	1713	16.6	11.0	14.8	
	1743	16.7	11.0	14.9	
	1813	16.6	11.0	14.9	
	1843	16.6	10.9	14.8	
	1913	16.6	10.8	14.7	
	1943	16.6	10.8	14.9	
	2013	16.5	10.8	14.8	
	2043	16.4	10.7	14.9	
	2113	16.4	10.6	14.8	
	2143	16.4	10.7	14.8	
	2213	16.4	10.7	14.9	
	2243	16.5	10.7	14.9	
	2313	16.4	10.7	15.0	
	2343	16.5	10.8	15.0	

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
5/10/74	13	16.5	10.8	14.9	
	43	16.6	11.0	15.0	
	113	16.6	11.1	15.1	
	143	16.6	11.1	15.0	
	213	16.6	11.2	15.0	
	243	16.6	11.1	14.9	
	313	16.6	11.2	15.0	
	343	16.6	11.2	15.0	
	413	16.6	11.1	15.0	
	443	16.6	11.0	15.0	
	513	16.6	11.1	14.7	
	543	16.5	11.1	14.9	
	613	16.5	11.0	14.9	
	643	16.5	10.9	14.9	
	713	16.5	10.8	14.8	
	743	16.5	10.8	14.8	
	813	16.5	10.8	14.8	
	843	16.4	10.7	14.9	
	913	16.5	10.7	14.9	
	943	16.5	10.6	14.8	
	1013	16.5	10.4	14.8	
	1043	16.5	10.5	14.9	
	1113	16.5	10.5	14.9	
	1143	16.5	10.5	14.9	
	1213	16.5	10.6	14.9	
	1243	16.6	10.7	15.0	
	1313	16.6	10.8	14.9	
	1343	16.6	10.8	14.9	
	1413	16.6	10.8	15.0	
	1443	16.7	10.9	15.1	
	1513	16.7	10.8	15.0	
	1543	16.7	10.8	15.0	
	1613	16.7	10.8	14.9	
	1643	16.8	10.9	14.9	
	1713	16.7	10.8	14.8	
	1743	16.7	10.9	14.8	
	1813	16.6	10.7	14.8	
	1843	16.6	10.7	14.9	
	1913	16.6	10.7	14.9	
	1943	16.8	10.6	14.9	
	2013	16.9	10.6	14.9	
	2043	16.8	10.5	14.9	
	2113	16.9	10.4	14.9	
	2143	17.0	10.4	14.9	
	2213	17.0	10.4	14.9	
	2243	17.0	10.5	14.9	
	2313	17.1	10.5	14.9	
	2343	17.0	10.6	15.0	

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
5/11/74	13	17.0	10.5	15.0	
	43	16.8	10.7	14.9	
	113	16.8	10.8	14.9	
	143	16.8	10.7	15.2	
	213	16.9	10.8	15.0	
	243	16.9	10.8	15.1	
	313	16.9	10.8	15.1	
	343	17.0	10.8	15.1	
	413	17.0	10.9	15.1	
	443	17.0	10.9	15.0	
	513	16.8	10.9	14.9	
	543	16.6	10.9	14.9	
	613	16.7	10.9	14.9	
	643	16.6	10.8	14.9	
	713	16.6	10.8	14.9	
	743	16.6	10.8	15.0	
	813	16.6	10.7	15.0	
	843	16.6	10.6	15.0	
	913	16.8	10.5	15.0	
	943	16.8	10.5	15.1	
	1013	16.8	10.4	15.1	
	1043	16.9	10.4	15.1	
	1113	16.8	10.4	15.0	
	1143	16.7	10.4	15.1	
	1213	17.0	10.5	15.1	
	1243	16.9	10.5	15.0	
	1313	16.8	10.5	15.0	
	1343	17.0	10.6	15.0	
	1413	16.8	10.6	14.9	
	1443	17.0	10.6	15.0	
	1513	16.6	10.7	15.0	
	1543	16.8	10.7	14.9	
	1613	17.0	10.7	14.9	
	1643	17.3	10.7	14.9	
	1713	16.7	10.9	14.9	
	1743	16.6	11.1	14.9	
	1813	16.6	11.0	15.0	
	1843	16.8	10.8	14.9	
	1913	17.1	10.6	14.9	
	1943	16.6	10.9	14.9	
	2013	16.8	10.8	14.9	
	2043	17.0	10.7	14.9	
	2113	17.1	10.7	14.8	
	2143	17.0	10.6	15.0	
	2213	17.1	10.6	14.9	
	2243	17.1	10.7	14.8	
	2313	17.1	10.7	14.9	
	2343	17.0	10.6	14.9	

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
5/12/74	13	17.0	10.6	15.1	
	43	17.0	10.7	15.0	
	113	17.1	10.7	15.2	
	143	17.1	10.8	15.3	
	213	17.0	10.8	15.4	
	243	16.9	10.9	15.1	
	313	16.9	10.9	15.0	
	343	16.8	11.0	15.0	
	413	16.8	11.0	15.0	
	443	16.8	11.0	15.1	
	513	16.7	11.1	15.0	
	543	16.7	11.0	15.0	
	613	16.7	11.1	14.9	
	643	16.8	11.0	14.9	
	713	17.0	11.0	14.9	
	743	17.0	11.0	14.9	
	813	17.1	10.8	15.1	
	843	17.2	10.8	15.1	
	913	17.3	10.8	15.1	
	943	17.4	10.7	15.2	
	1013	17.4	10.8	15.2	
	1043	17.4	10.7	15.1	
	1113	17.4	10.7	15.2	
	1143	17.5	10.7	15.2	
	1213	17.4	10.8	15.1	
	1243	17.4	10.8	15.2	
	1313	17.4	10.9	15.0	
	1343	17.4	10.9	15.5	
	1413	17.2	10.9	15.4	
	1443	17.3	11.0	15.7	
	1513	17.4	11.1	15.8	
	1543	17.4	11.0	15.7	
	1613	17.3	11.0	15.7	
	1643	17.3	11.1	15.7	
	1713	17.4	11.1	15.8	
	1743	17.3	11.0	15.7	
	1813	17.4	11.1	15.8	
	1843	17.3	10.9	15.8	
	1913	17.3	10.8	15.7	
	1943	17.3	10.8	15.7	
	2013	17.4	10.7	15.6	
	2043	17.4	10.7	15.7	
	2113	17.4	10.7	15.8	
	2143	17.4	10.7	15.7	
	2213	17.4	10.6	15.7	
	2243	17.4	10.7	15.8	
	2313	17.3	10.7	15.7	
	2343	17.3	10.7	15.7	

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NC. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
5/13/74	13	17.3	10.6	15.5	
	43	17.3	10.6	15.5	
	113	17.3	10.6	15.5	
	143	17.4	10.6	15.5	
	213	17.3	10.7	15.5	
	243	17.3	10.6	15.5	
	313	17.2	10.6	15.6	
	343	17.2	10.6	15.7	
	413	17.4	10.8	15.7	
	443	17.3	10.7	15.6	
	513	17.2	10.8	15.7	
	543	17.2	10.9	15.7	
	613	17.2	10.9	15.6	
	643	17.3	10.8	15.7	
	713	17.4	10.9	15.7	
	743	17.3	10.8	15.7	
	813	17.2	10.6	15.5	
	843	17.2	10.6	15.6	

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
5/14/74	1311			17.7	10.3
	1311			17.6	10.3
	1313			17.7	10.3
	1313			17.7	10.3
	1315			17.7	10.3
	1317			17.7	10.3
	1329			17.7	10.3
	1409			18.1	10.2
	1429			18.1	10.2
	1509			18.3	10.2
	1540			18.3	10.3
	1610			18.3	10.3
	1640			18.6	10.3
	1710			17.7	10.5
	1740			18.3	10.5
	1810			17.5	10.6
	1840			17.7	10.6
	1910			18.3	10.8
	1940			18.4	10.6
	2010			18.5	10.7
	2040			18.3	10.6
	2110			17.5	10.7
	2140			18.2	10.6
	2210			18.3	10.5
	2240			18.5	10.4
	2310			18.7	10.3
	2340			18.9	10.3

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.42.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
5/15/74	10			18.8	10.3
	40			18.7	10.3
	110			18.6	10.3
	140			18.5	10.4
	210			18.3	10.4
	240			18.5	10.3
	310			18.5	10.3
	340			18.6	10.4
	410			18.4	10.4
	440			18.3	10.4
	510			18.1	10.4
	540			18.2	10.5
	610			18.2	10.6
	640			18.1	10.6
	710			18.0	10.7
	740			17.9	10.8
	810			18.1	10.7
	840			18.1	10.7
	910			17.9	10.7
	940			17.7	10.8
	1010			18.1	10.6
	1040			18.3	10.5
	1110			18.7	10.4
	1140			18.8	10.3
	1210			18.7	10.3
	1240			18.9	10.2
	1310			19.0	10.2
	1340			19.0	10.1
	1410			19.3	10.0
	1440			19.2	10.1
	1510			19.2	10.2
	1540			19.6	10.4
	1610			19.6	10.4
	1640			19.3	10.5
	1710			19.3	10.4
	1740			19.0	10.4
	1810			19.3	10.4
	1840			18.9	10.5
	1910			18.9	10.5
	1940			18.7	10.7
	2010			19.0	10.7
	2040			19.1	10.7
	2110			19.1	10.6
	2140			19.1	10.5
	2210			19.2	10.4
	2240			19.2	10.4
	2310			19.6	10.3
	2340			19.5	9.9

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
5/16/74	10			19.3	10.1
	40			19.4	10.0
	110			19.5	10.1
	140			19.5	10.1
	210			19.4	10.0
	240			19.3	9.9
	310			19.3	9.8
	340			19.5	9.8
	410			19.5	10.0
	440			19.8	10.2
	510			19.8	10.3
	540			19.9	10.2
	610			19.5	10.2
	640			19.5	10.3
	710			19.5	10.3
	740			19.5	10.4
	810			19.5	10.5
	840			19.5	10.3
	910			19.5	10.1
	940			19.6	10.5
	1010			19.6	10.5
	1040			19.7	10.2
	1109			19.7	9.8
	1139			19.4	10.0
	1210			19.5	10.0
	1240			19.5	9.9
	1309			19.6	9.8
	1339			19.7	9.6
	1410			19.8	9.6
	1440			19.8	9.5
	1510			19.8	9.7
	1540			19.8	9.6
	1610			20.0	9.6
	1640			19.9	9.6
	1710			19.9	9.8
	1740			19.8	10.0
	1810			19.7	10.0
	1840			19.8	10.0
	1910			19.8	10.0
	1940			19.9	10.0
	2010			19.7	10.0
	2040			19.7	10.1
	2110			20.3	9.9
	2140			20.5	9.9
	2210			18.2	11.3
	2240			18.5	11.1
	2310			19.0	11.0
	2340			19.5	10.5

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
5/17/74	10			19.6	10.3
	40			19.6	10.2
	110			19.2	10.3
	140			20.0	9.8
	210			20.5	9.7
	240			20.3	9.7
	310			21.0	9.2
	340			21.0	9.3
	410			20.1	9.7
	440			20.1	9.8
	510			20.8	9.7
	540			20.1	9.7
	610			20.0	9.8
	640			19.9	10.0
	710			20.1	9.9
	740			20.0	9.9
	810			20.0	10.0
	840			19.5	10.3
	909			19.9	10.1
	939			20.0	9.9
	1009			19.9	10.0
	1039			19.2	10.9
	1109			18.3	11.3
	1140			19.5	10.4
	1210			20.2	10.3
	1240			20.4	9.8
	1310			19.6	10.3
	1340			20.2	10.0
	1410			20.5	9.9
	1440			20.5	10.0
	1510			20.2	10.1
	1540			20.1	10.3
	1610			20.1	10.1
	1640			19.9	10.3
	1710			20.3	10.1
	1740			20.3	10.1
	1810			20.5	9.9
	1840			20.3	10.1
	1910			19.9	10.2
	1940			20.1	10.2
	2010			21.3	9.8
	2040			21.3	10.0
	2110			20.5	10.2
	2140			19.7	10.5
	2210			19.1	11.3
	2240			16.9	12.3
	2310			17.0	12.3
	2340			18.7	11.2

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
5/18/74	10			18.5	11.3
	40			18.6	11.3
	110			20.1	10.5
	140			20.2	10.4
	210			19.3	10.8
	239			19.3	10.8
	310			20.5	10.0
	340			21.4	9.9
	409			22.0	9.7
	439			22.0	9.6
	509			20.1	10.4
	539			19.3	10.8
	609			20.2	10.5
	639			20.4	10.4
	709			20.7	10.2
	739			21.5	9.8
	809			21.5	9.5
	839			20.8	10.2
	909			20.4	10.3
	939			20.2	10.5
	1009			21.1	10.2
	1039			21.2	10.5
	1109			19.3	11.2
	1139			21.6	9.7
	1209			20.3	10.5
	1239			19.5	11.1
	1309			17.2	12.5
	1339			17.7	12.2
	1409			18.2	11.9
	1439			18.7	11.6
	1509			18.8	11.3
	1539			18.8	11.3
	1609			18.5	11.5
	1639			18.6	11.5
	1709			18.1	11.8
	1739			18.5	11.6
	1809			19.8	10.5
	1839			19.5	10.8
	1909			20.3	10.3
	1939			20.7	9.9
	2009			21.2	9.9
	2039			21.3	10.3
	2109			20.7	10.6
	2139			22.1	9.2
	2209			19.9	10.9
	2239			19.2	11.3
	2309			18.1	12.1
	2339			17.2	12.7

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NC. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
5/19/74	9			17.4	12.5
	39			18.1	12.2
	110			19.2	11.7
	140			19.0	11.6
	210			18.3	12.1
	240			18.2	12.0
	310			19.8	11.1
	340			18.9	11.4
	410			19.6	10.9
	440			19.6	10.9
	510			19.1	11.3
	540			19.2	11.2
	610			19.4	11.1
	640			19.0	11.4
	710			19.5	11.1
	740			19.7	10.9
	810			20.7	10.2
	840			20.7	10.6
	910			20.0	10.9
	940			20.4	10.7
	1010			19.9	11.1
	1040			20.1	10.9
	1110			19.8	11.2
	1140			19.6	11.3
	1210			19.3	11.5
	1240			18.9	11.7
	1310			18.2	12.0
	1340			20.1	11.1
	1410			19.9	11.1
	1440			20.3	10.8
	1510			20.2	10.7
	1540			21.1	9.7
	1610			21.4	9.4
	1640			21.1	9.8
	1710			18.4	11.8
	1740			18.9	11.5
	1810			18.6	11.8
	1840			20.6	9.9
	1910			21.1	9.6
	1940			21.0	9.7
	2010			21.0	9.8
	2040			21.0	10.2
	2110			19.4	11.4
	2141			19.6	11.4
	2210			19.7	11.5
	2240			20.2	11.0
	2310			20.3	10.9
	2340			20.8	10.6

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
6/ 5/74	26	21.1	11.2	17.8	10.4
	56	21.1	11.2	18.7	11.2
	126	21.0	11.1	18.7	11.2
	156	21.1	10.9	18.8	11.1
	226	21.4	10.8	18.7	10.9
	256	21.1	11.0	16.5	9.9
	327	21.1	10.8	16.7	10.3
	357	21.2	10.7	16.3	9.7
	427	21.4	10.7	16.5	9.5
	457	21.5	10.6	16.7	9.9
	527	21.4	10.6	16.1	9.9
	557	21.3	10.6	16.5	10.0
	627	21.2	10.4	15.4	11.4
	657	21.1	10.6	19.4	11.3
	727	21.2	10.4	19.5	11.0
	756	21.3	10.4	19.6	10.9
	826	21.3	10.4	19.6	10.9
	856	21.3	10.5	19.7	10.7
	926	21.3	10.5	19.7	10.6
	956	21.4	10.6	19.5	10.9
	1026	21.3	10.7	19.5	10.9
	1056	21.3	10.6	19.5	11.0
	1126	21.5	10.7	19.4	11.2
	1156	21.9	10.6	19.4	11.3
	1226	21.9	10.7	19.5	11.2
	1256	22.2	10.7	19.4	11.2
	1326	22.2	10.7	19.4	11.2
	1356	22.3	10.7	19.4	11.3
	1426	22.2	10.8	19.4	11.4
	1456	22.0	10.7	19.4	11.3
	1526	21.5	10.9	19.5	10.9
	1556	22.1	10.7	19.4	11.1
	1626	22.1	10.8	19.5	10.9
	1656	22.4	10.6	19.5	10.8
	1726	21.8	10.6	19.6	11.0
	1756	21.9	10.5	19.4	11.3
	1826	22.0	10.6	19.4	11.3
	1856	22.3	10.7	19.4	11.3
	1926	22.1	10.6	19.5	11.1
	1956	22.0	10.5	19.6	11.1
	2026	22.4	10.7	20.0	10.3
	2056	22.1	10.6	19.9	10.5
	2126	21.8	10.6	20.0	10.3
	2156	21.9	10.6	19.6	10.8
	2226	21.8	10.7	19.8	10.7
	2256	21.8	10.8	19.7	10.8
	2326	21.7	10.9	19.7	10.8
	2356	21.8	10.9	19.7	10.8

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
6/ 6/74	26	21.7	10.9	19.8	10.9
	56	21.8	11.0	19.6	11.1
	126	21.6	10.9	19.6	10.9
	156	21.6	11.0	19.6	10.9
	226	21.5	11.0	19.6	10.9
	257	21.5	11.0	19.7	10.9
	327	21.7	10.9	19.7	10.8
	357	21.5	11.0	19.7	10.9
	427	21.6	10.9	19.6	11.1
	457	21.6	10.8	19.8	10.8
	527	21.9	10.8	20.3	10.4
	557	21.8	10.8	19.9	10.8
	627	21.8	10.6	19.5	11.2
	656	21.7	10.6	19.6	11.1
	726	21.7	10.5	19.7	10.9
	756	21.8	10.5	19.9	10.8
	826	22.0	10.4	19.7	11.0
	856	22.3	10.4	20.3	10.2
	926	22.2	10.4	20.4	10.1
	956	22.1	10.4	20.4	10.1
	1026	22.0	10.4	20.4	10.1
	1056	22.1	10.5	20.3	10.2
	1126	22.2	10.7	20.1	10.5
	1156	22.2	10.7	19.9	10.7
	1226	22.0	10.7	19.9	10.8
	1256	22.3	10.8	19.8	10.9
	1326	22.6	10.6	19.8	10.9
	1356	22.7	10.7	19.8	10.9
	1426	23.0	10.7	19.7	11.0
	1456	22.7	10.8	19.7	10.9
	1527	22.7	10.8	19.8	10.9
	1556	22.7	10.7	19.8	10.8
	1626	21.9	10.8	19.9	10.7
	1656	22.7	10.7	19.8	10.8
	1726	22.9	10.7	19.9	10.6
	1756	22.9	10.6	20.2	10.4
	1826	22.7	10.5	20.4	10.0
	1856	22.6	10.5	20.0	10.7
	1927	22.5	10.5	19.8	10.9
	1957	22.7	10.3	19.8	10.7
	2026	22.6	10.3	19.8	10.8
	2056	22.7	10.4	19.8	10.7
	2126	22.7	10.4	20.1	10.4
	2156	22.6	10.4	20.2	10.4
	2226	22.5	10.5	20.1	10.5
	2256	22.5	10.6	20.2	10.4
	2326	22.5	10.6	20.3	10.4
	2356	22.4	10.7	20.0	10.7

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
6/ 7/74	26	22.3	10.8	20.1	10.7
	56	22.3	10.9	19.8	11.0
	126	22.1	10.9	19.9	10.9
	156	20.4	17.4	19.6	10.9
	226	0.4	0.3	0.3	0.4
	256	22.1	10.2	19.7	10.9
	326	22.3	10.9	19.8	10.9
	356	22.3	10.8	19.8	10.9
	426	22.2	10.8	19.8	10.9
	456	22.1	10.8	19.9	10.6
	526	22.2	10.9	19.9	10.6
	557	22.1	10.8	20.1	10.6
	627	22.1	10.7	20.6	10.3
	657	22.1	10.7	20.9	10.0
	727	22.0	10.6	20.3	10.4
	757	22.3	10.4	19.6	11.1
	827	22.3	10.4	19.7	11.0
	857	22.2	10.4	19.7	11.0
	927	22.3	10.4	19.9	10.8
	957	22.3	10.5	20.1	10.6
	1027	22.2	10.5	20.7	10.0
	1057	22.1	10.5	20.3	10.5
	1127	22.1	10.6	20.7	9.9
	1157	22.1	10.7	20.6	10.0
	1227	22.0	10.7	20.7	9.9
	1257	22.1	10.8	20.6	10.0
	1327	21.9	10.8	20.2	10.5
	1357	22.0	10.7	20.0	10.7
	1427	22.0	10.8	20.0	10.7
	1457	21.9	10.8	19.9	10.8
	1527	21.9	10.8	19.9	10.8
	1557	21.9	10.8	19.9	10.8
	1627	22.0	10.7	19.9	10.7
	1657	22.0	10.7	19.9	10.8
	1727	21.8	10.9	20.0	10.6
	1757	21.9	10.8	20.0	10.6
	1827	21.9	10.9	20.1	10.5
	1857	22.0	10.7	20.2	10.4
	1927	21.9	10.6	20.2	10.2
	1957	21.9	10.5	20.4	9.9
	2027	22.0	10.4	20.1	10.4
	2057	21.9	10.4	19.9	10.6
	2127	21.9	10.5	19.9	10.6
	2157	21.9	10.6	19.9	10.6
	2227	21.9	10.6	19.8	10.7
	2257	21.9	10.5	19.8	10.8
	2327	21.9	10.6	19.8	10.8
	2356	21.9	10.6	19.8	10.5

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NC. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TCP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
6/ 8/74	26	21.7	10.7		
	56	21.8	10.8		
	126	21.7	10.8		
	156	21.7	10.8		
	226	21.6	10.9		
	256	21.7	10.9		
	326	21.7	10.9		
	356	21.7	10.8		
	426	21.7	10.8		
	456	21.6	10.8		
	526	21.7	10.8		
	556	21.7	10.8		
	626	21.5	10.9		
	656	21.7	10.4		
	726	21.7	10.4		
	756	21.7	10.5		
	826	21.7	10.2		
	856	21.7	10.2		
	926	21.7	10.3		
	956	21.7	10.2		
	1026	21.7	10.2		
	1056	20.3	10.9		
	1127	21.8	10.2		
	1157	21.7	10.2		
	1227	21.7	10.2		
	1257	21.9	10.3		
	1327	21.9	10.4		
	1357	21.9	10.5		
	1427	21.9	10.5		
	1457	22.0	10.5		
	1527	21.9	10.5		
	1557	22.0	10.5		
	1627	22.0	10.4		
	1657	22.0	10.4		
	1727	21.9	10.4		
	1757	21.9	10.2		
	1827	21.8	10.5		
	1857	21.9	10.4		
	1927	21.9	10.4		
	1957	21.9	10.3		
	2027	21.9	9.8		
	2057	21.8	9.7		
	2127	21.8	9.6		
	2157	21.8	9.5		
	2227	21.8	9.5		
	2257	21.8	9.5		
	2327	21.7	9.6		
	2357	21.8	9.8		

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
6/ 9/74	27	21.8	9.7		
	57	21.8	9.8		
	127	21.7	10.1		
	157	21.7	10.1		
	227	21.7	10.2		
	257	21.9	10.5		
	327	21.7	10.5		
	357	21.7	10.1		
	427	21.6	10.1		
	457	21.7	10.4		
	527	21.7	10.2		
	557	21.7	9.8		
	627	21.9	9.9		
	657	21.8	9.9		
	727	21.6	9.8		
	757	21.7	9.7		
	827	21.9	9.8		
	857	21.9	9.6		
	927	21.8	10.0		
	957	21.9	9.9		
	1027	22.1	9.6		
	1057	21.9	9.7		
	1127	22.0	9.8		
	1157	22.1	9.8		
	1227	22.0	10.0		
	1257	22.1	10.0		
	1327	22.2	9.9		
	1357	22.3	9.8		
	1427	22.3	10.0		
	1457	22.3	9.9		
	1527	22.4	9.8		
	1557	22.5	9.8		
	1627	22.5	9.8		
	1657	22.6	9.7		
	1727	22.5	9.8		
	1757	22.3	10.0		
	1827	22.2	10.1		
	1857	22.1	10.4		
	1927	22.2	10.8		
	1957	22.7	10.5		
	2027	23.1	10.2		
	2057	23.3	10.3		
	2127	22.7	10.2		
	2157	21.9	10.1		
	2227	21.9	10.3		
	2257	22.1	9.8		
	2327	22.1	9.8		
	2357	22.8	9.7		

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LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NC. 9

LATITUDE 27.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
6/10/74	27	22.8	9.8		
	57	22.0	10.7		
	127	22.4	10.5		
	157	22.4	10.4		
	227	23.2	9.8		
	257	22.7	10.4		
	327	22.6	10.5		
	357	22.4	10.7		
	427	22.1	10.7		
	457	23.6	10.0		
	527	23.4	9.8		
	557	23.0	10.2		
	627	22.3	10.8		
	657	22.6	10.6		
	727	22.9	10.7		
	757	23.6	10.2		
	827	23.1	9.8		
	857	23.0	10.2		
	927	23.5	9.6		
	957	23.0	9.9		
	1027	23.4	9.6		
	1057	23.3	9.6		
	1127	23.7	9.4		
	1157	24.4	8.8		
	1227	23.2	9.8		
	1257	22.9	10.0		
	1327	22.9	10.1		
	1357	22.9	10.1		
	1427	23.8	9.7		
	2027	24.8	10.1		

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREES CF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
6/11/74	947	24.4	9.3	18.2	10.4
	948	24.4	9.3	17.8	10.2
	948	24.4	9.3	17.5	10.0
	949	24.4	9.3	18.0	10.3
	950	24.4	9.3	18.1	10.2
	950	24.4	9.3	18.1	10.1
	1016	24.4	9.3	18.0	10.0
	1046	24.4	9.1	17.6	9.8
	1116	24.6	9.1	16.3	9.5
	1146	24.4	9.1	16.4	9.3
	1216	24.4	9.1	15.9	8.9
	1246	24.4	9.1	16.9	9.7
	1316	24.5	9.0	17.6	9.5
	1346	24.3	9.2	16.3	8.9
	1416	24.4	9.2	18.5	9.9
	1446	24.7	9.2	17.7	9.5
	1516	24.6	9.3	16.4	8.8
	1546	24.6	9.5	19.1	10.1
	1616	24.6	9.5	17.8	9.4
	1646	24.6	9.6	17.2	9.8
	1716	24.6	9.6	19.3	10.0
	1746	24.5	9.6	16.8	11.9
	1816	24.3	9.5	17.7	9.7
	1846	24.7	9.4	17.8	10.0
	1916	24.6	9.4	19.6	10.9
	1946	24.8	9.2	19.7	10.9
	2016	24.6	9.3	19.8	10.9
	2046	24.2	10.0	17.2	9.3
	2116	24.2	9.8	19.6	11.0
	2146	24.4	9.2	16.7	10.5
	2216	24.5	9.2	20.2	11.2
	2246	24.6	9.2	18.4	10.4
	2316	24.4	9.2	18.4	10.4
	2346	1.7	2.1	19.6	7.8

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
6/18/74	1054	0.0	0.0	0.0	0.0
	1105	23.9	10.3	21.7	11.7
	1105	24.1	10.1	20.2	12.3
	1106	23.9	10.3	21.8	11.8
	1106	23.9	10.3	21.8	11.8
	1107	24.0	10.2	21.8	11.7
	1135	24.3	10.1	21.7	11.6
	1205	24.1	10.2	21.5	11.7
	1235	23.9	10.2	21.5	11.8
	1305	24.0	10.0	21.5	11.7
	1335	23.9	9.9	21.7	11.5
	1405	23.7	9.9	21.7	11.5
	1425	24.3	9.9	21.4	12.1
	1505	24.3	9.9	21.2	12.3
	1535	24.4	9.8	21.2	12.3
	1605	24.0	9.8	21.3	12.2
	1635	24.0	9.8	21.3	12.2
	1705	24.5	9.7	21.2	12.3
	1735	24.9	9.6	21.2	12.3
	1805	25.1	9.5	21.2	12.3
	1835	24.6	9.7	21.2	12.3
	1905	24.8	9.6	21.4	12.1
	1935	24.8	9.6	21.5	11.8
	2005	24.6	9.8	21.6	11.7
	2035	24.4	9.8	21.8	11.4
	2105	24.3	10.0	21.6	11.7
	2135	24.2	10.1	21.7	11.6
	2205	24.2	10.1	21.2	12.6
	2235	24.2	10.1	21.1	13.0
	2305	24.2	10.1	20.8	13.6
	2335	24.1	10.2	20.8	14.0

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
6/19/74	5	24.2	10.2	20.8	14.2
	34	24.1	10.3	21.0	13.2
	104	24.1	10.3	21.1	12.9
	134	24.1	10.1	21.0	13.0
	204	23.8	10.7	21.2	12.7
	234	23.8	10.5	21.1	13.2
	304	24.1	10.2	21.0	13.4
	334	24.1	10.0	21.1	13.1
	404	24.2	10.1	21.2	12.8
	435	24.1	9.8	21.3	12.7
	505	23.9	9.7	21.2	13.0
	535	24.1	9.8	21.1	13.2
	605	24.0	9.6	21.2	13.1
	635	23.9	9.6	21.3	12.7
	705	23.8	9.6	21.2	13.0
	735	23.9	10.1	21.2	13.0
	804	23.9	9.9	21.2	13.1
	834	23.9	9.8	21.2	13.1
	904	24.1	9.8	21.2	13.1
	934	23.9	10.0	21.2	13.0
	1004	24.0	9.9	21.3	12.8
	1035	24.1	10.2	21.4	12.9
	1105	24.1	10.3	21.4	12.8
	1135	24.2	10.3	21.4	12.7
	1205	24.1	10.4	21.3	13.1
	1235	24.4	10.4	21.3	13.3
	1305	24.1	10.5	21.0	13.3
	1335	24.3	10.3	21.0	13.7
	1405	24.5	10.2	21.0	13.6
	1435	23.9	10.4	21.0	13.4
	1505	24.0	10.3	21.0	13.6
	1535	24.9	10.1	21.0	13.3
	1605	25.0	10.2	21.2	13.0
	1635	25.0	10.1	21.3	12.8
	1705	25.2	9.8	21.4	12.6
	1735	24.9	10.0	21.2	13.0
	1805	24.6	10.1	21.3	13.1
	1835	24.6	10.0	21.5	12.5
	1905	24.7	10.1	21.2	12.9
	1935	24.5	10.1	21.4	12.5
	2005	24.7	10.2	21.5	12.3
	2035	24.4	10.1	21.5	12.3
	2105	24.7	10.2	21.6	12.2
	2135	24.4	10.5	21.7	12.1
	2205	24.1	10.5	21.5	12.5
	2235	23.9	10.9	21.5	12.5
	2305	23.9	10.9	21.2	13.2
	2335	23.8	10.9	21.1	13.6

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREES CF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
6/20/74	5	23.9	10.8	21.0	13.6
	35	24.0	10.6	21.0	13.5
	105	23.8	10.8	21.1	13.3
	135	23.8	10.8	21.0	14.0
	205	23.9	10.7	21.1	13.7
	235	24.0	10.6	21.1	13.5
	305	23.9	10.7	21.1	13.5
	335	24.0	10.6	21.1	13.4
	405	24.4	10.3	21.2	13.2
	435	24.3	10.4	21.3	12.8
	505	24.3	10.2	21.5	12.4
	535	23.8	10.4	21.5	11.6
	605	23.9	10.5	21.7	12.5
	635	24.0	10.3	21.5	12.6
	705	24.1	10.3	22.3	11.5
	735	24.2	10.1	21.8	12.0
	805	24.1	10.2	21.7	12.0
	835	24.0	10.3	21.7	12.0
	905	23.9	10.6	22.0	11.5
	935	23.9	10.6	22.0	11.6
	1005	24.1	10.6	22.2	11.3
	1035	24.1	10.4	22.3	11.2
	1105	24.4	10.3	22.3	11.2
	1135	24.2	10.6	21.5	12.4
	1205	24.3	10.4	21.5	12.4
	1235	24.1	10.5	21.5	12.4
	1305	24.2	10.6	21.4	12.8
	1335	24.2	10.6	21.4	12.8
	1405	24.4	10.3	21.5	12.5
	1435	24.3	10.6	21.2	13.4
	1505	24.4	10.5	21.3	13.2
	1535	24.2	10.6	21.3	13.0
	1605	24.8	10.4	21.3	13.2
	1635	24.9	10.1	21.3	13.1
	1705	25.4	10.3	21.3	13.0
	1735	26.1	10.1	21.5	12.4
	1805	26.4	9.9	21.8	11.9
	1835	26.4	10.0	21.3	13.2
	1905	26.4	10.0	21.6	12.6
	1935	26.1	9.9	21.5	12.7
	2005	25.2	10.1	21.5	13.0
	2035	25.0	10.2	21.5	12.8
	2105	25.2	10.2	21.5	12.9
	2135	25.4	10.1	21.6	12.8
	2205	25.1	10.2	21.7	12.6
	2235	25.0	10.5	21.7	12.5
	2305	24.6	10.5	21.8	12.5
	2335	24.7	10.6	21.7	12.5

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NC. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
6/21/74	5	24.6	10.6	21.8	12.5
	35	24.4	10.6	21.4	13.3
	105	24.4	10.6	21.4	13.5
	135	24.6	10.5	21.5	13.1
	205	24.5	10.6	21.9	12.6
	235	24.5	10.5	21.3	13.7
	304	24.4	10.6	21.5	13.3
	334	24.4	10.6	21.4	13.4
	404	24.5	10.6	21.5	13.2
	434	24.8	10.2	21.5	13.1
	504	24.7	10.3	21.6	12.8
	534	24.5	10.4	21.7	12.6
	604	24.4	10.2	21.9	12.2
	634	24.5	10.3	22.0	12.1
	704	24.4	10.0	22.5	11.4
	734	24.5	10.1	22.7	10.9
	804	24.6	10.1	22.1	12.1
	834	24.5	10.1	22.1	12.0
	904	24.4	10.1	22.0	12.0
	934	24.4	10.3	22.1	11.9
	1005	24.4	10.4	22.1	12.0
	1035	24.5	10.3	22.3	11.8
	1105	24.3	11.0	22.4	11.7
	1135	24.4	10.9	22.4	11.7
	1205	24.5	10.8	22.5	11.5
	1235	24.8	10.6	22.3	11.8
	1305	24.6	10.7	21.7	13.0
	1335	24.7	10.6	22.0	12.5
	1405	24.7	10.6	21.7	13.0
	1435	24.7	10.6	21.7	13.1
	1505	24.6	10.7	21.8	12.8
	1535	24.6	10.9	21.5	13.5
	1605	24.8	10.8	21.5	13.4
	1635	24.7	10.8	21.6	13.3
	1705	24.8	10.6	21.6	13.2
	1735	24.9	10.6	21.7	13.0
	1805	24.9	10.4	21.8	12.7
	1835	24.8	10.5	21.9	12.6
	1905	24.6	10.5	22.1	13.0
	1935	24.7	10.4	22.2	12.3
	2005	24.7	10.1	23.6	10.3
	2035	24.7	10.1	23.6	10.3
	2105	24.7	10.3	23.3	10.9
	2135	24.7	10.1	22.7	11.5
	2205	24.6	10.5	22.7	11.5
	2235	24.6	10.7	23.0	11.2
	2305	24.6	10.5	23.2	10.9
	2335	24.8	10.5	23.3	10.7

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUDY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
6/22/74	5	24.7	10.5	21.7	13.5
	35	24.7	10.5	21.6	13.7
	105	24.7	10.6	21.7	13.6
	135	24.7	10.6	21.7	13.5
	205	24.8	10.5	21.6	13.8
	235	24.7	10.7	21.6	13.9
	305	24.6	10.6	21.5	14.1
	335	24.6	10.7	21.5	14.0
	405	24.7	10.4	21.5	13.8
	435	24.6	10.6	21.8	13.3
	505	24.7	10.4	21.7	13.6
	535	24.6	10.5	21.8	13.7
	605	24.6	10.4	21.7	13.8
	635	24.6	10.4	21.9	13.5
	705	24.5	10.5	22.3	12.0
	735	24.7	10.3	22.0	13.1
	805	24.5	10.4	21.9	13.1
	835	24.4	10.4	21.9	13.2
	905	24.7	10.2	21.8	13.2
	935	24.6	10.3	21.9	13.2
	1005	24.6	10.3	21.9	13.2
	1035	24.6	10.3	21.9	13.1
	1105	24.7	10.3	22.0	13.1
	1135	24.8	10.5	22.0	13.0
	1205	24.9	10.8	22.1	13.1
	1235	25.0	10.8	22.0	13.2
	1305	24.8	10.9	22.1	13.0
	1335	24.8	10.9	21.9	13.3
	1405	24.8	10.8	21.9	13.6
	1435	24.8	10.8	21.8	13.7
	1505	24.8	10.8	21.8	13.6
	1535	25.0	10.8	21.9	13.3
	1605	25.0	10.8	22.1	13.0
	1635	25.1	10.9	22.0	13.2
	1705	25.3	10.9	22.0	13.2
	1735	25.2	10.7	22.3	12.7
	1805	25.1	10.6	21.8	14.0
	1835	25.3	10.7	21.8	13.8
	1905	25.0	10.7	21.9	13.6
	1935	24.7	10.8	22.0	13.3
	2005	24.2	11.0	22.2	12.8
	2035	25.0	10.0	22.1	13.1
	2105	25.0	10.1	22.0	13.4
	2135	24.9	10.2	22.2	13.0
	2205	24.9	10.2	22.1	11.7
	2235	24.9	10.1	22.1	12.4
	2305	24.8	10.5	22.1	11.9
	2335	24.8	10.5	22.1	12.2

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NC. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
6/23/74	5	24.9	10.6	22.3	12.2
	35	24.9	10.7	22.3	11.9
	105	24.6	11.1	22.2	13.3
	135	24.6	11.1	22.2	13.3
	205	24.9	10.8	21.9	13.8
	235	24.7	10.8	21.9	14.0
	304	24.6	11.0	21.8	13.9
	334	24.5	11.0	21.9	13.9
	404	24.7	10.9	21.9	13.7
	434	24.6	11.1	22.1	13.4
	504	24.5	11.3	22.0	13.4
	534	24.6	11.2	21.9	13.9
	604	24.6	11.1	21.9	13.9
	634	24.6	10.9	21.9	13.8
	704	24.5	10.7	22.0	13.6
	734	24.6	10.3	22.0	13.5
	804	24.7	10.3	22.1	13.3
	834	24.8	10.2	22.1	13.3
	905	24.6	10.3	22.1	13.4
	935	24.6	10.3	22.1	13.4
	1005	24.6	10.4	22.1	13.3
	1035	24.5	10.6	22.1	13.4
	1105	24.6	10.5	22.1	13.4
	1135	24.8	10.3	22.1	13.5
	1205	24.8	10.4	22.1	13.5
	1235	24.8	10.6	22.0	13.7
	1305	25.0	10.7	22.0	13.7
	1335	25.3	10.6	22.1	12.5
	1405	25.5	10.7	22.1	12.7
	1435	25.4	10.7	22.1	13.5

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NC. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
6/24/74	2105	25.2	10.8	22.1	13.6
	1535	25.1	10.8	22.1	13.7
	1605	25.0	11.0	22.0	13.9
	1635	24.9	10.9	22.0	13.9
	1705	25.0	11.0	21.9	14.0
	1735	25.1	10.9	22.0	13.9
	1805	25.0	10.8	22.0	13.8
	1835	24.8	11.0	22.1	13.5
	1905	24.8	11.1	22.1	13.7
	1935	24.9	11.0	21.9	14.1
	2005	24.7	10.9	21.8	14.3
	2034	24.7	10.7	21.9	14.3
	2104	24.7	10.6	21.9	14.3
	2134	24.7	10.6	21.9	14.3
	2204	24.6	10.7	21.9	14.3
	2234	24.4	10.7	21.9	14.3
	2304	24.5	10.7	21.9	14.3
	2334	24.4	11.0	21.9	14.3
	4	24.4	10.6	21.9	14.2
	34	24.6	10.8	22.0	14.1
	104	24.4	10.8	22.0	14.0
	135	24.6	10.9	22.1	13.9
	205	24.5	10.9	22.1	13.8
	235	24.4	10.9	22.1	14.0
	305	24.3	11.0	22.0	14.3
	335	24.2	11.1	21.9	14.6

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREES CF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
6/26/74	26	23.2	13.9	22.5	14.1
	56	23.2	13.9	22.5	14.2
	126	23.2	13.9	22.5	14.2
	156	23.2	13.8	22.5	14.1
	226	23.1	13.9	22.5	14.1
	256	23.2	13.9	22.6	14.1
	326	23.1	13.7	22.5	13.9
	356	23.1	14.0	22.5	14.2
	426	23.1	14.0	22.5	14.2
	456	23.1	14.0	22.5	14.2
	526	23.0	14.0	22.5	14.2
	556	22.9	14.0	22.5	14.2
	626	23.1	14.0	22.5	14.2
	656	23.1	14.0	22.5	14.2
	726	23.1	13.9	22.5	14.1
	756	22.9	14.0	22.5	14.1
	826	23.0	13.9	22.5	14.1
	856	22.9	13.9	22.5	14.1
	926	22.9	13.9	22.5	14.0
	956	23.0	13.8	22.5	14.0
	1026	23.3	13.7	22.5	14.0
	1056	23.2	13.7	22.5	14.0
	1126	23.1	13.8	22.5	14.0
	1156	23.1	13.8	22.5	14.1
	1226	23.1	13.6	22.5	13.8
	1256	23.2	13.4	22.5	13.6
	1326	22.9	13.1	22.6	13.2
	1356	22.9	13.7	22.5	13.8
	1426	23.0	13.4	22.5	13.6
	1456	23.0	12.8	22.5	13.0
	1526	23.1	13.4	22.5	13.6
	1556	23.0	13.3	22.5	13.4
	1626	23.1	13.5	22.5	13.7
	1656	23.2	13.4	22.5	13.6
	1726	23.1	13.6	22.5	13.9
	1756	23.1	13.7	22.5	14.0
	1826	23.1	13.8	22.5	14.1
	1856	23.1	13.8	22.5	14.0
	1926	23.2	13.6	22.5	13.9
	1956	23.2	13.7	22.5	14.0
	2026	23.1	13.6	22.5	13.8
	2056	23.1	13.5	22.5	13.7
	2126	23.1	13.5	22.5	13.7
	2156	23.0	14.0	22.5	14.2
	2226	22.9	13.7	22.5	13.8
	2256	22.9	13.4	22.5	13.6
	2326	22.9	13.2	22.5	13.4
	2356	22.8	13.3	22.5	13.5

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NC. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
6/27/74	26	22.8	12.6	22.3	12.8
	56	22.9	12.1	22.3	12.3
	126	22.9	11.8	22.2	12.0
	156	22.7	12.4	22.3	12.5
	226	22.8	12.7	22.3	12.9
	256	22.8	12.3	22.3	12.5
	326	22.7	11.8	22.1	12.0
	356	22.5	12.2	22.2	12.4
	426	22.5	12.2	22.3	12.3
	456	22.5	12.4	22.3	12.5
	526	22.7	12.8	22.4	12.9
	556	22.6	12.8	22.3	12.9
	526	22.6	13.0	22.4	13.1
	656	22.6	12.9	22.4	13.0
	726	22.7	12.9	22.4	13.0
	756	22.7	13.0	22.4	13.1
	826	22.7	13.0	22.4	13.1
	856	22.7	12.9	22.4	13.0
	926	22.7	12.7	22.3	12.9
	956	22.7	12.4	22.3	12.5
	1026	22.7	12.7	22.3	12.8
	1056	22.7	12.7	22.3	12.8
	1126	22.7	12.6	22.3	12.7
	1156	22.6	12.3	22.2	12.5
	1226	22.6	12.2	22.2	12.3
	1256	22.6	12.7	22.3	12.8
	1326	22.6	13.0	22.3	13.1
	1356	22.6	13.2	22.4	13.3
	1426	22.6	13.0	22.3	13.1
	1456	22.6	12.7	22.3	12.9
	1526	22.6	12.4	22.1	12.6
	1556	22.6	12.2	22.1	12.3
	1626	22.6	11.9	22.0	12.1
	1656	22.6	11.9	22.0	12.0
	1726	22.5	12.3	22.1	12.5
	1756	22.6	12.3	22.1	12.5
	1826	22.6	12.2	22.1	12.3
	1856	22.6	12.0	22.0	12.2
	1926	22.7	12.1	22.0	12.3
	1956	22.7	12.1	22.0	12.3
	2026	22.6	12.9	22.1	13.0
	2056	22.6	13.4	22.3	13.5
	2126	22.7	13.1	22.3	13.3
	2156	22.7	13.0	22.3	13.1
	2226	22.6	12.9	22.3	13.1
	2256	22.5	12.8	22.3	12.9
	2326	22.5	12.7	22.3	12.8
	2356	22.5	12.9	22.3	13.0

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
6/28/74	26	22.5	13.0	22.3	13.1
	56	22.5	12.8	22.2	13.0
	126	22.5	12.5	22.1	12.6
	156	22.5	12.1	21.9	12.3
	226	22.5	12.0	21.8	12.2
	256	22.4	12.0	21.8	12.3
	326	22.4	12.0	21.7	12.2
	356	22.3	11.9	21.7	12.1
	426	22.4	11.9	21.6	12.1
	456	22.3	11.9	21.6	12.1
	526	22.3	11.9	21.6	12.1
	556	22.3	12.1	21.6	12.3
	626	22.3	12.0	21.7	12.2
	656	22.3	12.0	21.6	12.2
	726	22.3	12.1	21.6	12.3
	756	22.3	12.2	21.7	12.4
	826	22.3	12.2	21.7	12.4
	856	22.3	12.2	21.6	12.4
	926	22.3	12.1	21.6	12.4
	956	22.3	12.1	21.7	12.3
	1026	22.2	12.2	21.7	12.4
	1056	22.2	12.2	21.6	12.4
	1126	22.2	12.1	21.6	12.3
	1156	22.2	12.1	21.6	12.3
	1226	22.2	12.0	21.5	12.2
	1256	22.1	11.9	21.5	12.1
	1326	22.1	11.9	21.5	12.1
	1356	22.1	11.9	21.5	12.1
	1426	22.1	11.8	21.4	12.1
	1456	22.1	11.8	21.5	12.0
	1526	22.1	11.8	21.4	12.0
	1556	22.0	11.7	21.4	11.9
	1626	22.1	11.7	21.4	11.9
	1656	22.0	11.7	21.4	11.9
	1726	22.1	11.8	21.4	12.0
	1756	21.9	11.9	21.4	12.1
	1826	21.9	11.9	21.4	12.1
	1856	21.9	12.0	21.4	12.2
	1926	22.0	12.2	21.6	12.3
	1956	22.1	12.2	21.6	12.3
	2026	22.1	12.1	21.5	12.3
	2056	22.1	12.2	21.5	12.4
	2126	21.9	12.3	21.5	12.5
	2156	21.9	12.4	21.6	12.5
	2226	21.9	12.4	21.6	12.5
	2256	21.9	12.3	21.5	12.5
	2326	21.9	12.5	21.6	12.6
	2356	22.0	12.4	21.6	12.5

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 27.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
6/29/14	26	21.9	12.3	21.6	12.5
	56	21.8	12.3	21.5	12.4
	126	21.8	12.2	21.4	12.3
	156	21.6	12.2	21.4	12.3
	226	21.7	11.9	21.3	12.1
	256	21.7	11.8	21.2	12.0
	326	21.7	11.7	21.2	11.9
	356	21.7	11.7	21.2	11.9
	426	21.4	11.8	21.2	11.9
	456	21.4	11.5	20.9	11.7
	526	21.5	11.8	21.2	11.9
	556	21.3	11.8	21.2	11.9
	626	21.2	11.9	21.0	11.9
	656	21.3	11.9	21.0	12.0
	726	21.5	11.9	21.0	12.0
	756	21.5	11.9	21.0	12.1
	826	21.5	12.0	21.1	12.1
	856	21.6	12.0	21.1	12.1
	926	21.7	11.9	21.0	12.1
	956	21.7	12.3	21.3	12.4
	1026	21.7	12.8	21.6	12.9
	1056	21.7	12.9	21.7	12.9
	1126	21.6	12.9	21.7	12.9
	1156	21.7	12.7	21.7	12.8
	1226	21.6	12.6	21.5	12.6
	1256	21.7	12.2	21.5	12.3
	1326	21.8	12.2	21.3	12.3
	1356	21.8	12.1	21.2	12.3
	1426	21.7	12.2	21.3	12.4
	1456	21.6	12.3	21.3	12.4
	1526	21.4	12.2	21.2	12.3
	1556	21.3	12.1	21.2	12.2
	1626	21.9	11.9	21.1	12.1
	1656	22.1	12.2	21.3	12.4
	1726	21.3	12.1	21.2	12.2
	1756	21.6	12.0	21.2	12.2
	1826	21.6	11.9	21.1	12.1
	1856	21.6	12.1	21.2	12.2
	1926	22.0	12.2	21.3	12.4
	1956	21.9	12.5	21.5	12.6
	2026	21.8	12.6	21.5	12.7
	2056	21.8	12.4	21.4	12.6
	2126	21.8	12.3	21.3	12.5
	2156	21.9	12.3	21.3	12.5
	2226	22.0	12.3	21.3	12.5
	2256	22.1	12.3	21.3	12.5
	2326	22.0	12.4	21.4	12.6
	2356	21.8	12.4	21.3	12.5

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREES CF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
6/30/74	26	21.7	12.4	21.4	12.5
	56	21.7	12.5	21.5	12.6
	126	21.7	12.5	21.5	12.6
	156	21.9	12.3	21.4	12.5
	226	21.9	12.3	21.4	12.5
	256	24.0	9.8	0.4	18.5
	326	21.6	11.6	21.2	11.8
	356	21.7	11.5	21.1	11.7
	426	21.5	12.3	21.3	12.4
	456	21.6	12.2	21.3	12.3
	526	21.5	12.1	21.2	12.2
	556	21.5	12.3	21.3	12.4
	626	21.4	12.1	21.2	12.2
	656	21.5	11.9	21.1	12.0
	724	21.4	11.8	21.0	11.9
	754	21.5	11.7	21.2	11.8
	824	21.5	12.1	21.2	12.2
	854	21.5	12.2	21.3	12.3
	924	21.6	12.2	21.3	12.3
	954	21.7	12.0	21.2	12.2
	1024	21.7	11.9	21.1	12.1
	1055	21.9	12.2	21.3	12.4
	1125	21.8	12.3	21.4	12.4
	1155	22.1	12.1	21.3	12.4
	1225	21.8	12.4	21.4	12.5
	1255	21.7	12.4	21.4	12.5
	1325	21.5	12.4	21.4	12.4
	1355	21.5	12.4	21.4	12.5
	1425	21.7	12.3	21.3	12.4
	1455	22.4	11.7	21.3	12.1
	1525	22.3	11.9	21.3	12.2
	1555	22.9	12.0	21.3	12.4
	1625	22.4	12.2	21.4	12.5
	1655	22.4	12.2	21.4	12.5
	1725	22.5	12.2	21.4	12.6
	1755	22.5	12.3	21.4	12.6
	1825	22.3	12.3	21.4	12.6
	1855	22.4	11.6	21.3	11.9
	1925	22.5	12.0	21.3	12.3
	1955	22.4	12.0	21.3	12.3
	2025	22.2	12.1	21.4	12.4
	2055	22.1	12.1	21.4	12.4
	2125	22.2	12.1	21.4	12.3
	2155	22.2	11.9	21.5	12.2

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
7/ 2/74	1125	22.7	11.4	21.4	13.3
	1154	22.7	11.4	21.5	13.3
	1224	22.7	11.3	21.5	13.2
	1254	22.7	11.4	21.5	13.2
	1244	22.7	11.3	21.5	13.2
	1314	23.5	11.8	21.5	13.1
	1344	23.5	11.3	21.5	13.1
	1334	23.2	11.2	21.5	13.2
	1404	23.5	11.1	21.5	13.2
	1434	23.3	11.3	21.5	13.0
	1504	24.3	11.5	21.5	13.1
	1454	23.7	11.6	21.5	13.4
	1524	24.7	11.4	21.4	13.4
	1554	24.2	11.7	21.5	13.3
	1544	24.1	11.7	21.5	13.3
	1614	24.2	11.5	21.7	12.9
	1644	24.0	11.4	21.7	13.0
	1634	24.0	11.4	21.7	13.0
	1704	24.3	11.2	21.6	13.2
	1734	24.4	11.0	21.5	13.4
	1804	24.7	10.9	21.5	13.3
	1754	24.9	10.8	21.6	13.3
	1824	24.8	10.7	21.7	13.2
	1854	24.6	10.7	21.7	13.2
	1844	24.5	10.7	21.7	13.2
	1914	24.6	10.9	21.7	13.1
	1944	24.6	10.9	21.7	13.0
	1934	24.4	11.1	21.8	13.0
	2004	24.4	11.1	21.8	13.0
	2034	24.4	11.2	21.8	13.0
	2104	24.4	11.4	21.8	12.9
	2054	24.5	11.6	21.7	13.2
	2124	24.3	11.4	21.6	13.3
	2154	24.5	11.6	21.5	13.4
	2144	24.7	11.7	21.6	13.3
	2214	25.1	11.9	21.7	13.1
	2244	24.7	11.8	21.7	13.0
	2234	24.6	11.7	21.7	13.1
	2304	25.1	11.5	21.7	13.1
	2334	25.2	11.4	21.6	13.2

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
7/ 3/74	4	25.4	11.3	21.6	13.3
	24	25.6	11.0	21.6	13.3
	54	25.7	10.9	21.6	13.3
	44	25.7	10.9	21.5	13.3
	114	26.1	10.8	21.6	13.4
	144	26.0	10.7	21.6	13.3
	204	26.0	10.8	21.7	13.2
	234	25.9	10.8	21.7	13.2
	304	25.6	10.8	21.8	13.1
	344	25.7	10.9	21.9	13.0
	414	25.4	11.0	21.9	13.1
	444	25.4	11.1	21.9	13.1
	504	25.3	11.3	21.9	13.0
	534	25.2	11.4	21.9	13.0
	604	25.3	11.5	21.9	12.9
	654	25.2	11.6	21.7	13.3
	714	24.8	11.6	21.7	13.2
	744	24.7	11.7	21.7	13.2
	804	24.7	11.7	21.7	13.3
	834	24.9	11.7	21.7	13.3
	924	25.0	11.7	21.7	13.3
	954	25.1	11.5	21.7	13.3
	1014	25.0	11.5	21.7	13.5
	1044	25.0	11.3	21.7	13.4
	1104	25.2	11.2	21.7	13.3
	1134	25.4	11.3	21.8	13.2
	1204	24.8	11.3	22.0	13.0
	1254	25.1	11.2	22.1	12.8
	1314	25.0	11.0	22.2	12.7
	1344	25.0	10.9	22.2	12.7
	1404	25.1	10.8	22.1	12.9
	1434	24.9	10.7	22.1	12.9
	1504	25.1	10.8	22.1	12.9
	1544	25.1	10.9	21.9	13.1
	1614	25.0	11.0	21.9	13.2
	1644	24.8	11.4	22.1	13.0
	1704	24.9	11.3	22.0	13.1
	1734	24.6	12.1	22.4	12.7
	1804	25.2	11.6	23.0	12.2
	1844	25.2	11.6	22.1	13.1
	1914	25.3	11.6	21.8	13.5
	1934	25.4	11.5	21.7	13.5
	2004	25.5	11.4	21.7	13.5
	2034	25.4	11.4	21.7	13.4
	2104	25.5	11.4	22.2	13.1
	2144	25.6	11.9	21.9	13.3
	2214	25.6	11.8	21.9	13.3
	2244	25.2	11.9	21.8	13.5
	2304	25.2	11.9	21.9	13.4
	2334	24.8	11.5	21.9	13.3

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREES CF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
7/ 4/74	4	25.0	11.4	22.2	13.2
	44	25.3	11.1	22.3	13.0
	114	25.0	11.4	22.3	13.1
	144	24.8	11.4	22.4	12.9
	204	25.2	11.2	22.3	13.0
	234	25.0	11.7	22.5	12.9
	304	25.0	11.6	22.5	12.9
	344	25.6	11.4	22.4	13.0
	414	25.1	11.7	22.3	13.0
	444	25.1	11.7	22.5	12.9
	504	25.3	11.6	22.3	13.0
	534	25.2	11.7	22.0	13.4
	604	24.8	11.9	21.8	13.6
	644	24.8	11.9	21.9	13.5
	714	25.1	11.9	22.0	13.4
	744	25.3	11.9	22.1	13.3
	804	25.4	11.9	22.3	13.1
	834	25.4	11.9	22.1	13.3
	904	25.5	11.5	22.1	13.4
	944	25.6	11.4	21.9	13.6
	1014	25.7	11.3	21.8	13.7
	1044	25.6	11.2	21.9	13.7
	1104	25.5	11.3	21.9	13.6
	1134	25.6	11.3	21.8	13.7
	1204	25.6	11.3	21.8	13.7
	1244	25.3	11.4	22.0	13.5
	1314	25.3	11.4	22.0	13.5
	1344	25.3	11.4	22.0	13.5
	1404	25.3	11.4	22.1	13.4
	1434	25.2	11.5	22.2	13.4
	1504	25.2	11.6	22.1	13.4
	1544	25.2	11.4	22.1	13.4
	1614	25.1	11.6	22.1	13.4
	1644	25.0	11.7	22.1	13.4
	1704	25.0	11.7	22.1	13.4
	1734	24.4	12.3	22.1	13.4
	1804	25.0	11.8	22.1	13.4
	1844	25.0	11.7	22.1	13.4
	1914	25.0	11.8	21.9	13.6
	1944	25.0	11.6	22.0	13.6
	2004	25.1	11.6	22.1	13.4
	2034	25.2	11.4	22.2	13.3
	2104	25.3	11.4	22.1	13.6
	2144	25.2	11.2	22.0	13.7
	2214	25.1	11.2	22.1	13.5
	2244	25.3	11.2	22.1	13.6
	2304	25.0	11.5	22.0	13.7
	2334	25.0	11.3	22.0	13.7

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREES CF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
7/19/74	1012	26.3	13.3	25.2	13.2
	1041	26.3	13.3	25.3	13.2
	1111	26.3	13.4	25.4	13.2
	1141	26.3	13.4	25.2	13.3
	1211	26.2	13.4	25.2	13.4
	1241	26.2	13.4	25.2	13.4
	1311	26.4	13.3	25.2	13.4
	1341	26.4	13.4	25.2	13.4
	1411	26.4	13.3	25.2	13.5
	1441	26.5	13.3	25.2	13.4
	1511	26.6	13.2	25.3	13.3
	1541	26.6	13.2	25.3	13.2
	1611	26.6	13.2	25.4	13.1
	1641	26.6	13.2	25.5	13.1
	1711	26.7	13.1	25.6	13.0
	1741	26.7	13.1	25.6	13.0
	1811	26.6	13.0	25.6	12.9
	1841	26.6	13.0	25.6	12.9
	1911	26.6	13.0	25.6	12.9
	1941	26.6	13.0	25.6	12.9
	2011	26.5	13.0	25.6	12.9
	2041	26.6	13.1	25.6	13.0
	2111	26.6	13.1	25.6	13.0
	2141	26.5	13.2	25.6	13.0
	2211	26.4	13.3	25.5	13.2
	2241	26.4	13.3	25.5	13.2
	2311	26.4	13.3	25.4	13.2
	2341	26.4	13.4	25.4	13.4

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
7/20/74	11	26.3	13.4	25.3	13.4
	41	26.3	13.4	25.3	13.4
	111	26.2	13.4	25.3	13.4
	141	26.2	13.4	25.3	13.4
	211	26.2	13.4	25.2	13.6
	241	26.2	13.3	25.2	13.5
	311	26.2	13.3	25.2	13.5
	341	26.2	13.4	25.3	13.3
	411	26.2	13.2	25.3	13.2
	441	26.2	13.2	25.2	13.1
	511	26.1	13.1	25.2	13.0
	541	26.2	13.2	25.2	13.0
	611	26.1	13.2	25.2	13.2
	641	26.1	13.2	25.2	13.1
	711	26.1	13.1	25.2	13.0
	741	26.1	13.1	25.1	13.0
	811	26.1	13.1	25.2	13.0
	841	26.1	13.1	25.2	13.0
	911	26.2	13.1	25.2	13.0
	941	26.1	13.2	25.2	13.0
	1011	26.2	13.2	25.2	13.0
	1041	26.2	13.2	25.2	13.1
	1111	26.2	13.2	25.2	13.1
	1141	26.3	13.3	25.2	13.1
	1211	26.3	13.3	25.2	13.2
	1241	26.4	13.3	25.2	13.2
	1311	26.2	13.3	25.2	13.2
	1341	26.5	13.3	25.2	13.3
	1411	26.5	13.2	25.0	13.5
	1441	26.4	13.3	25.0	13.7
	1511	26.5	13.3	25.0	13.7
	1541	26.6	13.3	25.0	13.7
	1611	26.5	13.3	25.0	13.6
	1641	26.8	13.3	25.2	13.4
	1711	26.8	13.3	25.6	13.2
	1741	26.6	13.2	25.6	13.2
	1811	26.6	13.1	25.5	13.1
	1841	26.5	13.2	25.6	13.0
	1911	26.6	13.1	25.6	13.0
	1941	26.6	13.0	25.6	12.9
	2011	26.5	13.0	25.6	12.9
	2041	26.5	13.0	25.6	12.9
	2111	26.4	13.1	25.5	13.0
	2141	26.4	13.2	25.4	13.1
	2211	26.4	13.2	25.4	13.1
	2241	26.3	13.3	25.4	13.2
	2311	26.2	13.3	25.3	13.2
	2341	26.2	13.4	25.3	13.2

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NC. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
7/21/74	11	26.2	13.4	25.3	13.5
	41	26.1	13.5	25.2	13.6
	111	26.1	13.5	25.1	13.7
	141	26.0	13.5	25.1	13.7
	211	26.0	13.5	25.0	13.9
	241	26.0	13.5	24.9	14.2
	311	26.1	13.6	25.0	14.1
	341	26.0	13.4	25.0	13.9
	411	26.0	13.4	25.0	13.8
	441	25.9	13.5	25.1	13.7
	511	25.9	13.4	25.0	13.6
	541	25.9	13.4	25.0	13.4
	611	26.0	13.3	25.1	13.4
	641	25.9	13.2	25.0	13.3
	711	25.9	13.2	25.0	13.2
	741	25.9	13.2	25.0	13.1
	811	26.0	13.2	25.0	13.1
	841	25.9	13.2	25.0	13.1
	911	26.0	13.1	25.0	13.1
	941	25.9	13.2	25.0	13.1
	1011	26.0	13.2	25.0	13.2
	1041	26.0	13.3	25.0	13.2
	1111	26.0	13.3	25.0	13.3
	1141	26.2	13.3	25.1	13.3
	1211	26.2	13.4	25.1	13.3
	1241	26.5	13.4	25.2	13.3
	1311	26.4	13.4	25.2	13.4
	1340	26.3	13.5	25.0	13.6
	1411	26.4	13.5	25.0	13.9
	1441	26.4	13.5	24.9	13.9
	1511	26.4	13.5	24.9	14.0
	1541	26.2	13.5	24.9	14.1
	1611	26.2	13.3	24.9	14.0
	1641	26.3	13.3	24.9	14.0
	1711	26.9	13.3	24.9	13.8
	1741	26.6	13.4	25.0	13.6
	1811	26.6	13.4	25.1	13.5
	1841	26.7	13.4	25.3	13.4
	1911	26.7	13.3	25.6	13.3
	1941	26.6	13.2	25.3	13.2
	2011	26.4	13.2	25.3	13.2
	2041	26.4	13.1	25.3	13.1
	2111	26.4	13.1	25.3	13.1
	2141	26.4	13.2	25.3	13.1
	2211	26.4	13.2	25.3	13.2
	2241	26.3	13.4	25.2	13.3
	2311	26.3	13.4	25.4	13.3
	2341	26.1	13.4	25.2	13.3

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
7/23/74	11	25.8	13.6	24.9	13.5
	41	25.9	13.7	24.9	13.5
	111	25.8	13.6	24.8	13.5
	141	25.7	13.7	24.8	13.6
	211	25.7	13.7	24.8	13.6
	241	25.8	13.7	24.9	13.6
	311	25.8	13.8	24.9	13.7
	341	25.7	13.8	24.9	13.7
	411	25.7	13.8	24.9	13.7
	441	25.7	13.7	24.8	13.7
	511	25.7	13.7	24.9	13.7
	541	25.7	13.7	24.8	13.7
	611	25.7	13.7	24.8	13.6
	641	25.7	13.6	24.8	13.5
	711	25.8	13.5	24.8	13.5
	741	25.8	13.5	24.8	13.4
	811	25.7	13.5	24.8	13.4
	841	25.7	13.4	24.8	13.3
	911	25.8	13.4	24.8	13.3
	941	25.9	13.3	24.8	13.3

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
7/22/74	11	26.0	13.5	25.2	13.4
	41	26.0	13.5	25.2	13.5
	111	26.0	13.6	25.0	13.5
	141	26.0	13.7	25.0	13.7
	211	26.0	13.8	25.0	13.9
	241	26.0	13.8	25.0	14.0
	311	25.9	13.6	25.0	14.0
	341	25.9	13.7	25.0	14.1
	411	26.0	13.7	24.9	14.3
	441	25.9	13.6	24.9	14.2
	511	25.9	13.6	25.0	14.0
	541	25.7	13.6	25.0	13.8
	611	25.8	13.5	25.0	13.7
	641	25.8	13.4	24.9	13.5
	711	26.0	13.4	25.0	13.2
	741	26.0	13.4	25.0	13.3
	811	25.9	13.4	25.0	13.3
	841	25.9	13.4	25.0	13.3
	911	25.9	13.2	25.0	13.2
	940	25.9	13.2	25.0	13.1
	1010	26.0	13.1	25.0	13.1
	1041	26.0	13.2	25.0	13.2
	1111	26.0	13.4	25.0	13.3
	1141	26.1	13.4	25.0	13.3
	1211	26.8	13.4	25.0	13.3
	1241	26.3	13.6	25.1	13.5
	1311	26.4	13.5	25.2	13.5
	1341	26.4	13.5	25.0	13.6
	1411	26.3	13.6	25.0	13.6
	1441	26.5	13.6	24.9	13.8
	1511	26.6	13.6	24.9	13.9
	1541	26.6	13.6	24.9	13.9
	1611	26.3	13.6	24.9	13.8
	1641	26.4	13.6	24.9	14.0
	1711	26.2	13.6	24.9	14.1
	1741	26.2	13.6	24.9	14.0
	1811	26.1	13.7	24.9	13.8
	1841	26.1	13.6	25.0	13.7
	1911	26.1	13.7	25.1	13.6
	1941	26.0	13.6	25.1	13.5
	2011	26.0	13.6	25.1	13.5
	2041	26.0	13.5	25.0	13.4
	2111	26.0	13.4	25.2	13.4
	2141	26.1	13.4	25.2	13.3
	2211	26.0	13.4	25.0	13.4
	2241	26.0	13.4	25.0	13.4
	2311	25.9	13.5	24.9	13.4
	2341	25.9	13.5	25.0	13.4

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
7/23/74	1015	25.8	13.3	24.8	13.3
	1044	25.8	13.3	24.8	13.3
	1114	25.9	13.3	24.8	13.3
	1144	25.9	13.5	24.8	13.3
	1214	25.9	13.5	24.8	13.4
	1244	25.9	13.5	24.8	13.5
	1314	26.0	13.6	24.8	13.5
	1344	26.1	13.6	25.0	13.5
	1414	26.1	13.6	25.0	13.5
	1444	26.1	13.7	25.0	13.5
	1514	26.0	13.7	25.1	13.6
	1544	26.0	13.7	25.0	13.6
	1614	26.0	13.7	24.9	13.6
	1644	26.0	13.6	24.9	13.6
	1714	26.0	13.6	24.9	13.6
	1744	26.0	13.6	24.9	14.0
	1814	26.0	13.6	24.9	14.0
	1844	25.9	13.7	24.9	13.8
	1914	25.9	13.7	24.9	13.8
	1944	25.9	13.6	24.9	13.7
	2014	25.9	13.6	24.9	13.5
	2044	25.8	13.6	24.9	13.5
	2114	25.7	13.5	24.8	13.4
	2144	25.7	13.5	24.8	13.4
	2214	25.7	13.5	24.8	13.4
	2244	25.7	13.4	24.8	13.3
	2314	25.6	13.4	24.8	13.4
	2344	25.6	13.4	24.7	13.3

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
7/24/74	14	25.6	13.5	24.7	13.4
	44	25.6	13.6	24.7	13.5
	114	25.7	13.6	24.8	13.5
	144	25.7	13.7	24.8	13.5
	214	25.7	13.7	24.8	13.6
	244	25.7	13.7	24.7	13.6
	314	25.6	13.6	24.7	13.5
	344	25.7	13.6	24.7	13.5
	414	25.6	13.7	24.7	13.5
	444	25.6	13.7	24.7	13.5
	514	25.6	13.7	24.8	13.6
	544	25.6	13.7	24.9	13.9
	614	25.6	13.7	24.9	14.0
	644	25.6	13.7	24.9	13.9
	714	25.6	13.7	24.8	13.8
	744	25.6	13.7	24.8	13.7
	814	25.6	13.7	24.7	13.5
	844	25.4	13.5	24.6	13.5
	914	25.5	13.5	24.5	13.4
	944	25.5	13.5	24.5	13.4
	1014	25.5	13.5	24.6	13.4
	1044	25.6	13.5	24.6	13.4
	1114	25.6	13.5	24.6	13.4
	1144	25.5	13.5	24.6	13.4
	1214	25.5	13.5	24.6	13.4
	1244	25.5	13.5	24.6	13.4
	1314	25.6	13.6	24.6	13.5
	1344	25.7	13.7	24.7	13.5
	1414	25.7	13.7	24.8	13.6
	1444	25.7	13.8	24.8	13.7
	1514	25.7	13.8	24.7	13.7
	1544	25.7	13.8	24.7	13.7
	1614	25.7	13.9	24.8	13.8
	1644	25.7	13.8	24.8	13.9
	1744	25.7	13.8	24.7	13.9
	1814	25.7	13.9	24.7	13.8
	1844	25.6	13.8	24.8	13.9
	1914	25.5	13.7	24.7	13.8
	1944	25.5	13.8	24.8	13.8
	2014	25.6	13.8	24.7	13.8
	2044	25.4	13.5	24.7	13.7
	2114	25.5	13.5	24.7	13.6
	2144	25.4	13.5	24.5	13.4
	2214	25.4	13.4	24.5	13.4
	2244	25.4	13.6	24.5	13.4
	2314	25.5	13.6	24.5	13.5
	2344	25.4	13.6	24.4	13.5

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
7/25/74	14	25.4	13.6	24.4	13.5
	44	25.3	13.6	24.4	13.5
	114	25.4	13.6	24.5	13.5
	144	25.4	13.6	24.4	13.5
	214	25.4	13.6	24.5	13.5
	244	25.4	13.6	24.5	13.5
	314	25.3	13.5	24.5	13.4
	344	25.4	13.6	24.4	13.5
	414	25.3	13.6	24.4	13.5
	444	25.3	13.6	24.4	13.5
	514	25.3	13.7	24.4	13.5
	544	25.3	13.7	24.4	13.5
	614	25.3	13.7	24.4	13.5
	644	25.3	13.6	24.4	13.5
	714	25.3	13.6	24.5	13.6
	744	25.4	13.6	24.6	13.7
	814	25.4	13.6	24.5	13.6
	844	25.4	13.6	24.6	13.7
	914	25.4	13.6	24.6	13.7
	944	25.5	13.6	24.4	13.5
	1013	25.4	13.5	24.4	13.4
	1043	25.3	13.4	24.4	13.3
	1113	25.3	13.4	24.4	13.4
	1143	25.4	13.4	24.4	13.3
	1213	25.4	13.3	24.4	13.3
	1243	25.4	13.4	24.4	13.3
	1313	25.5	13.4	24.4	13.4
	1343	25.5	13.5	24.4	13.4
	1414	25.5	13.5	24.4	13.4
	1444	25.7	13.5	24.6	13.4
	1514	25.7	13.5	24.5	13.5
	1544	25.6	13.6	24.6	13.5
	1614	25.7	13.6	24.6	13.5
	1644	25.7	13.7	24.6	13.5
	1714	25.8	13.7	24.7	13.6
	1743	25.8	13.7	24.8	13.6
	1814	25.8	13.7	24.7	13.6
	1844	25.7	13.7	24.8	13.6
	1914	25.7	13.7	24.7	13.6
	1943	25.6	13.6	24.6	13.9
	2013	25.6	13.6	24.6	13.9
	2043	25.5	13.6	24.6	13.8
	2113	25.5	13.6	24.5	13.7
	2144	25.5	13.7	24.6	13.7
	2214	25.5	13.7	24.6	13.7
	2243	25.5	13.6	24.5	13.6
	2314	25.4	13.5	24.6	13.5
	2343	25.4	13.5	24.5	13.5

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
7/26/74	14	25.4	13.4	24.5	13.4
	43	25.4	13.5	24.6	13.5
	114	25.3	13.4	24.4	13.3
	144	25.3	13.4	24.3	13.4
	214	25.3	13.5	24.4	13.4
	244	25.3	13.5	24.4	13.4
	314	25.3	13.6	24.4	13.5
	344	25.3	13.5	24.4	13.5
	414	25.3	13.6	24.4	13.5
	444	25.3	13.7	24.4	13.5
	514	25.4	13.7	24.4	13.5
	544	25.4	13.7	24.5	13.6
	614	25.4	13.7	24.5	13.6
	644	25.4	13.7	24.5	13.5
	714	25.4	13.7	24.5	13.5
	744	25.4	13.7	24.5	13.7
	814	25.4	13.6	24.5	13.7
	844	25.4	13.6	24.5	13.7
	914	25.3	13.6	24.4	13.6
	944	25.3	13.6	24.4	13.5
	1014	25.3	13.6	24.4	13.5
	1044	25.3	13.6	24.4	13.6
	1114	25.3	13.6	24.4	13.5
	1144	25.3	13.5	24.3	13.4
	1214	25.3	13.5	24.3	13.4
	1244	25.2	13.4	24.3	13.4
	1314	25.2	13.3	24.3	13.3
	1344	25.3	13.4	24.3	13.4
	1414	25.4	13.4	24.4	13.4
	1444	25.4	13.5	24.4	13.4
	1514	25.4	13.5	24.4	13.4
	1544	25.5	13.6	24.4	13.4
	1614	25.4	13.6	24.4	13.5
	1644	25.4	13.6	24.4	13.5
	1714	25.4	13.6	24.5	13.5
	1744	25.4	13.6	24.5	13.5
	1814	25.4	13.6	24.4	13.5
	1844	25.4	13.7	24.5	13.7
	1914	25.4	13.7	24.5	13.7
	1944	25.4	13.6	24.5	13.7
	2014	25.4	13.6	24.5	13.9
	2044	25.4	13.7	24.6	13.9
	2114	25.3	13.6	24.5	13.9
	2144	25.3	13.6	24.5	13.9
	2214	25.3	13.6	24.5	13.7
	2244	25.3	13.5	24.4	13.5
	2314	25.2	13.5	24.3	13.4
	2344	25.2	13.4	24.3	13.4

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
7/27/74	14	25.1	13.4	24.2	13.3
	44	25.1	13.3	24.3	13.3
	114	25.1	13.3	24.3	13.3
	144	25.1	13.3	24.2	13.2
	214	25.1	13.3	24.2	13.2
	244	25.1	13.3	24.1	13.2
	314	25.1	13.3	24.1	13.3
	344	25.1	13.4	24.2	13.3
	414	25.1	13.4	24.1	13.3
	444	25.1	13.4	24.2	13.4
	514	25.1	13.5	24.2	13.4
	544	25.1	13.5	24.2	13.4
	614	25.0	13.4	24.2	13.4
	644	25.0	13.4	24.2	13.5
	714	25.1	13.5	24.2	13.4
	744	25.0	13.4	24.2	13.4
	814	25.1	13.5	24.2	13.4
	844	25.1	13.5	24.2	13.4
	914	25.1	13.5	24.1	13.4
	944	25.1	13.4	24.1	13.3
	1013	25.1	13.3	24.1	13.3
	1043	25.1	13.3	24.1	13.3
	1113	25.5	13.3	24.2	13.3
	1143	25.3	13.2	24.2	13.3
	1214	25.3	13.1	24.2	13.3
	1244	25.1	13.2	24.2	13.3
	1314	25.1	13.2	24.2	13.2
	1344	25.1	13.1	24.2	13.2
	1414	25.1	13.1	24.2	13.3
	1444	25.1	13.2	24.2	13.3
	1514	25.4	13.2	24.2	13.2
	1544	25.8	13.2	24.2	13.2
	1614	25.5	13.2	24.2	13.2
	1644	25.5	13.3	24.3	13.2
	1714	25.7	13.3	24.4	13.3
	1744	25.7	13.4	24.4	13.3
	1814	25.9	13.4	24.5	13.3
	1844	25.9	13.4	24.4	13.4
	1914	25.9	13.5	24.4	13.4
	1944	25.9	13.5	24.4	13.8
	2014	25.9	13.5	24.4	13.9
	2044	25.6	13.5	24.4	13.9
	2114	25.6	13.4	24.4	13.9
	2144	25.6	13.4	24.4	13.8
	2214	25.4	13.4	24.4	13.8
	2244	25.4	13.4	24.4	13.7
	2314	25.3	13.3	24.3	13.6
	2343	25.3	13.4	24.4	13.5

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
7/28/74	13	25.5	13.2	24.4	13.3
	43	25.8	13.1	24.5	13.3
	113	25.8	12.9	24.5	13.2
	143	25.6	12.9	24.5	13.2
	213	25.7	12.9	24.5	13.2
	243	25.6	12.9	24.6	12.9
	314	25.6	12.8	24.6	12.9
	344	25.4	12.7	24.6	12.8
	414	25.5	12.9	24.6	13.0
	444	25.6	12.9	24.6	13.1
	514	25.6	13.0	24.6	13.1
	544	25.5	13.0	24.6	13.1
	614	25.5	13.1	24.5	13.3
	644	25.5	13.1	24.5	13.3
	714	25.5	13.2	24.4	13.5
	744	25.5	13.2	24.5	13.3
	814	25.6	13.2	24.4	13.7
	843	25.5	13.3	24.4	13.7
	914	25.6	13.2	24.4	13.7
	944	25.6	13.2	24.4	13.8
	1014	25.7	13.1	24.4	13.8
	1044	25.6	13.0	24.4	13.8
	1114	25.6	13.0	24.4	13.7
	1144	25.6	13.0	24.4	13.6
	1214	25.6	13.1	24.4	13.5
	1244	25.6	13.1	24.4	13.5
	1314	25.6	13.1	24.4	13.5
	1344	25.5	13.0	24.4	13.4
	1414	25.7	12.9	24.4	13.4
	1444	25.5	13.0	24.4	13.3
	1514	25.6	13.1	24.5	13.3
	1544	27.0	12.8	24.4	13.4
	1614	26.5	12.9	24.4	13.5
	1644	26.0	13.1	24.4	13.5
	1714	26.4	13.1	24.4	13.5
	1744	26.4	13.2	24.4	13.6
	1814	26.4	13.2	24.4	13.5
	1844	26.4	13.2	24.4	13.5
	1914	26.3	13.2	24.4	13.5
	1944	26.2	13.3	24.4	13.6
	2014	26.0	13.3	24.5	13.7
	2044	26.0	13.3	24.4	13.7
	2114	26.0	13.4	24.4	13.8
	2144	26.0	13.4	24.4	13.8
	2214	26.2	13.4	24.4	13.8
	2244	26.2	13.4	24.4	13.8
	2314	26.5	13.3	24.4	13.9
	2344	26.2	13.3	24.5	13.7

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
7/29/74	14	26.3	13.3	24.4	13.7
	44	26.0	13.2	24.5	13.7
	114	26.1	13.1	24.5	13.6
	144	26.1	13.2	24.6	13.5
	214	26.3	13.1	24.5	13.5
	244	26.3	13.0	24.5	13.6
	314	26.0	13.0	24.5	13.6
	344	25.9	13.0	24.5	13.6
	414	25.9	12.9	24.5	13.7
	444	26.0	12.9	24.5	13.6
	514	25.9	12.9	24.6	13.5
	544	25.9	12.9	24.7	13.4
	614	26.0	13.1	24.6	13.5
	644	26.1	13.1	24.6	13.5
	714	26.0	13.1	24.6	13.5
	744	26.1	13.1	24.6	13.6
	814	26.1	13.1	24.6	13.5
	843	26.1	13.1	24.6	13.5
	913	26.0	13.2	24.6	13.5
	943	26.0	13.2	24.6	13.5
	1014	26.0	13.2	24.6	13.5
	1044	26.0	13.2	24.6	13.6
	1114	26.1	13.2	24.6	13.7
	1144	26.2	13.1	24.6	13.7
	1214	26.0	13.1	24.6	13.6
	1244	26.1	13.1	24.6	13.6
	1314	26.1	13.1	24.6	13.6
	1344	26.0	13.1	24.6	13.6
	1414	26.0	13.1	24.6	13.3
	1444	26.2	13.0	24.6	13.4
	1514	26.4	13.0	24.7	13.4
	1544	26.1	13.0	24.6	13.4
	1614	26.3	13.0	24.6	13.5
	1644	26.6	13.0	24.7	13.4
	1714	26.4	13.0	24.6	13.5
	1744	26.4	13.1	24.6	13.6
	1814	26.6	13.1	24.6	13.6
	1844	26.4	13.2	24.6	13.6
	1914	26.2	13.2	24.6	13.7
	1944	26.4	13.3	24.6	13.8
	2014	26.4	13.3	24.6	13.8
	2044	26.3	13.3	24.6	13.8
	2114	26.3	13.4	24.6	13.9
	2144	26.3	13.4	24.6	13.9
	2214	26.3	13.4	24.6	13.9
	2244	26.2	13.4	24.6	13.9
	2314	26.2	13.4	24.6	13.8
	2344	26.3	13.3	24.6	13.9

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
7/30/74	14	26.4	13.3	24.6	13.8
	44	26.2	13.3	24.6	14.0
	114	26.2	13.3	24.6	14.0
	143	26.0	13.3	24.6	13.8
	213	26.5	13.2	25.0	13.4
	243	26.6	13.2	25.2	13.2
	313	26.5	13.1	25.2	13.1
	343	26.4	13.1	25.1	13.1
	413	26.3	13.1	25.2	13.1
	443	26.2	13.1	25.2	13.2
	514	26.2	13.1	25.1	13.3
	544	26.2	13.1	25.2	13.2
	614	26.2	13.1	25.2	13.2
	644	26.2	13.2	25.2	13.2
	714	26.3	13.2	25.0	13.4
	744	26.4	13.2	25.0	13.4
	814	26.4	13.2	25.0	13.4
	844	26.3	13.2	25.0	13.4
	913	26.3	13.2	25.0	13.4
	944	26.3	13.3	25.0	13.5
	1014	26.3	13.3	24.9	13.5
	1044	26.5	13.3	25.0	13.5
	1114	26.7	13.2	24.9	13.6
	1144	26.6	13.2	24.9	13.6

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NC. 9

LATITUDE 37.42.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
7/5/74	1041	26.6	12.8	24.6	16.5
	1110	26.7	12.9	25.0	16.2
	1140	26.7	13.0	25.0	16.1
	1210	26.6	13.1	25.1	15.8
	1240	26.6	13.1	25.0	16.1
	1310	26.6	13.0	25.0	16.1
	1340	26.6	13.0	25.0	16.4
	1410	26.5	13.0	24.9	16.8
	1440	26.5	13.0	24.8	16.8
	1510	26.5	13.0	24.9	16.9
	1540	26.5	13.0	24.9	16.6
	1610	26.4	13.5	24.8	17.1
	1640	26.4	13.1	24.8	17.7
	1710	26.5	13.0	24.8	17.5
	1740	26.5	13.1	24.8	17.2
	1810	26.5	13.2	24.8	17.2
	1840	26.5	13.2	24.8	17.2
	1909	26.5	13.2	24.9	16.9
	1939	26.4	13.2	24.9	16.8
	2009	26.4	13.2	24.9	16.8
	2039	26.3	13.1	24.8	16.8
	2109	26.3	13.1	24.9	16.9
	2139	26.2	13.1	24.9	17.0
	2209	26.2	13.1	24.9	16.8
	2239	26.2	13.1	24.9	16.6
	2309	26.3	13.2	25.0	16.4
	2339	26.4	13.3	25.0	16.3

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NC. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
8/ 7/14	9	26.1	13.3	25.0	16.2
	39	26.0	13.3	25.0	16.3
	109	26.0	13.3	25.0	16.3
	139	26.0	13.4	25.0	16.4
	209	26.0	13.4	25.0	16.4
	239	25.9	13.4	25.0	16.5
	309	25.9	13.5	25.0	16.4
	339	25.9	13.5	25.0	16.3
	409	25.9	13.6	25.0	16.1
	439	25.9	13.6	24.9	17.1
	509	25.9	13.7	24.9	16.9
	539	25.8	13.4	24.9	16.7
	609	25.7	13.4	24.9	16.6
	639	25.7	13.5	25.0	16.4
	709	25.7	13.6	25.0	16.1
	739	25.7	13.5	24.9	14.9
	809	25.8	13.2	25.0	15.8
	839	25.7	13.2	25.0	16.3
	909	25.7	13.1	25.0	15.9
	939	25.7	13.1	24.9	15.3
	1009	25.7	13.3	24.9	15.1
	1039	25.7	13.4	25.0	15.7
	1109	25.7	13.3	25.0	15.9
	1139	25.7	13.3	24.9	15.5
	1209	25.7	13.3	24.9	15.1
	1239	25.7	13.5	24.8	15.1
	1309	25.7	13.6	24.8	14.9
	1339	25.7	13.5	24.9	15.1
	1409	25.7	13.6	24.9	15.8
	1439	25.8	13.6	24.8	15.6
	1509	25.8	13.5	24.8	15.9
	1539	25.9	13.4	24.8	15.9
	1609	25.9	13.5	24.9	15.9
	1639	25.8	13.5	24.9	15.7
	1709	25.7	13.5	24.9	16.3
	1739	25.7	13.5	24.8	15.9
	1809	25.7	13.5	24.9	15.6
	1839	25.7	13.4	24.8	16.2
	1909	25.7	13.2	24.8	16.1
	1939	25.7	13.1	24.8	14.9
	2009	25.7	13.2	24.8	16.0
	2039	25.7	13.1	24.8	15.2
	2109	25.6	13.1	24.8	16.3
	2139	25.5	12.8	24.8	15.6
	2209	25.5	12.7	24.8	15.1
	2239	25.3	12.5	24.8	14.6
	2309	25.4	12.6	24.8	15.9
	2339	25.5	12.8	24.9	16.0

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.41.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
6/7/74	0	25.4	12.7	24.9	15.8
	10	25.3	12.6	24.9	15.5
	20	25.3	12.8	24.8	15.7
	30	25.3	13.0	24.9	15.4
	40	25.4	13.4	24.8	15.3
	50	25.4	13.5	24.8	15.3
	60	25.5	13.5	24.8	15.2
	70	25.5	13.6	24.8	15.3
	80	25.5	13.5	24.8	15.2
	90	25.5	13.4	24.8	14.9
	100	25.2	13.2	24.8	15.3
	110	25.3	13.4	24.9	15.7
	120	25.2	13.3	24.8	15.8
	130	25.2	13.1	24.8	15.8
	140	25.3	13.1	24.8	15.5
	150	25.4	13.1	24.9	16.0
	160	25.1	12.8	24.8	15.8
	170	25.3	13.0	24.8	16.2
	180	24.9	12.6	24.8	16.4
	190	25.1	12.6	24.8	16.5
	200	25.2	12.7	24.8	16.3
	210	24.9	12.3	24.8	15.6
	220	25.1	12.7	24.8	15.9
	230	25.1	12.6	24.8	15.5
	240	25.2	12.9	24.8	15.2
	250	25.3	12.8	24.8	15.4
	260	25.3	13.1	24.8	15.2
	270	25.4	13.3	24.8	15.0
	280	25.5	13.5	24.8	15.2
	290	25.5	13.4	24.8	15.6
	300	25.5	13.4	24.8	15.7
	310	25.6	13.2	24.8	15.6
	320	25.5	13.4	24.8	15.8
	330	25.5	13.3	24.8	15.7
	340	25.5	13.4	24.8	16.1
	350	25.5	13.7	24.8	16.1
	360	25.6	13.9	24.8	16.2
	370	25.5	13.6	24.8	16.4
	380	25.4	13.3	24.8	16.5
	390	25.5	13.4	24.8	16.5
	400	25.4	13.1	24.8	16.4
	410	25.3	13.1	24.8	16.2
	420	25.5	13.0	24.8	16.4
	430	25.3	12.9	24.8	16.5
	440	25.3	12.8	24.8	16.4
	450	25.2	12.7	24.8	16.3
	460	25.1	12.7	24.8	16.4

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NC. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
8/ 9/74	10	25.1	12.7	24.8	16.3
	40	25.1	12.8	24.8	16.0
	110	24.9	12.9	24.8	16.3
	139	25.1	12.9	24.8	16.2
	209	25.0	12.8	24.8	16.1
	239	25.1	12.9	24.7	15.5
	309	25.0	13.0	24.8	16.1
	339	25.0	13.0	24.8	16.2
	409	25.1	13.1	24.8	16.3
	439	25.1	13.2	24.8	16.1
	509	25.0	13.1	24.8	16.5
	539	25.0	13.0	24.8	16.8
	609	25.0	13.0	24.8	16.2
	639	25.3	13.5	24.8	16.2
	709	25.1	13.2	24.8	16.7
	739	25.0	13.0	24.8	16.7
	809	25.2	13.2	24.8	16.9
	839	25.1	13.1	24.8	16.6
	909	25.0	13.0	24.8	16.5
	940	24.9	12.6	24.8	16.5
	1010	24.9	12.9	24.8	16.3
	1040	24.9	12.7	24.8	16.2
	1110	25.0	12.4	24.8	16.6
	1140	25.0	12.4	24.8	16.5
	1210	25.0	12.4	24.8	16.5
	1240	25.1	12.7	24.7	16.3
	1310	25.1	12.7	24.7	16.1
	1340	25.3	12.9	24.7	16.0
	1410	25.1	12.8	24.7	16.0
	1440	25.1	13.1	24.7	16.0
	1510	25.2	13.0	24.7	16.0
	1540	25.6	13.1	24.7	16.1
	1610	25.6	13.1	24.7	16.1
	1640	25.6	13.2	24.7	16.1
	1710	25.7	13.3	24.7	16.7
	1740	25.6	13.3	24.7	16.7
	1810	25.5	13.4	24.7	16.9
	1840	25.5	13.3	24.7	16.9
	1910	25.5	13.2	24.7	16.8
	1940	25.4	13.4	24.7	17.0
	2010	25.5	13.2	24.7	16.8
	2040	25.4	13.2	24.7	16.6
	2110	25.5	13.0	24.7	16.5
	2139	25.5	12.8	24.7	16.4
	2209	25.4	12.6	24.7	16.8
	2239	25.3	12.7	24.7	16.8
	2309	25.3	12.6	24.7	16.7
	2339	25.3	12.6	24.7	16.8

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
8/10/74	9	25.3	12.6	24.7	16.6
	39	25.3	12.6	24.7	16.6
	109	25.3	12.7	24.7	16.5
	139	25.2	12.7	24.7	16.4
	209	25.2	12.7	24.7	16.4
	239	25.2	12.7	24.7	16.3
	309	25.3	12.8	24.7	16.4
	339	25.2	12.8	24.7	16.3
	409	25.2	12.8	24.7	16.2
	439	25.2	12.9	24.7	16.5
	509	25.1	12.9	24.7	16.7
	539	25.2	12.9	24.7	16.0
	609	25.1	12.9	24.7	16.7
	639	25.2	12.9	24.7	16.5
	709	25.1	12.9	24.7	16.7
	739	25.1	12.9	24.7	16.7
	809	25.1	12.9	24.7	16.6
	839	25.1	12.9	24.7	16.4
	909	25.1	12.9	24.7	16.6
	939	25.1	13.0	24.7	17.1
	1009	25.1	12.9	24.7	17.2
	1039	25.1	12.9	24.7	17.3
	1109	25.1	12.8	24.7	17.1
	1139	25.1	12.9	24.7	17.2
	1209	25.1	12.8	24.7	16.9
	1239	25.2	12.9	24.7	16.8
	1309	25.3	12.8	24.7	16.5
	1339	25.2	12.8	24.7	16.3
	1409	25.2	13.0	24.7	16.3
	1439	25.3	13.1	24.7	16.4
	1509	25.4	13.2	24.6	16.2
	1539	25.3	13.1	24.7	16.4
	1609	25.3	13.3	24.7	16.7
	1639	25.3	13.3	24.6	17.2
	1709	25.3	13.2	24.6	17.3
	1739	25.3	13.3	24.7	17.3
	1809	25.4	13.4	24.6	17.3
	1839	25.4	13.5	24.6	17.1
	1909	25.4	13.8	24.7	17.1
	1939	25.4	13.7	24.7	16.9
	2009	25.4	13.7	24.7	16.8
	2039	25.1	13.5	24.7	16.6
	2109	25.1	13.5	24.7	16.7
	2139	25.0	13.5	24.7	16.9
	2209	24.9	13.4	24.6	17.0
	2239	25.0	13.6	24.6	17.3
	2309	24.9	13.6	24.7	17.4
	2339	24.9	13.8	24.7	17.3

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NC. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
8/11/74	9	25.1	14.0	24.6	17.2
	39	25.2	14.1	24.7	17.3
	109	25.2	14.3	24.6	17.3
	139	25.1	14.1	24.7	17.0
	209	25.3	14.4	24.6	17.0
	239	25.0	13.8	24.6	16.9
	309	24.6	13.6	24.7	16.9
	339	24.6	13.7	24.6	16.9
	409	24.6	13.8	24.6	16.9
	439	24.7	13.9	24.6	17.0
	509	24.5	13.8	24.6	16.8
	539	24.5	14.0	24.6	16.8
	609	24.5	14.1	24.6	16.6
	639	24.5	14.0	24.6	16.7
	709	24.5	14.0	24.6	16.9
	739	24.5	14.2	24.6	17.0
	809	24.5	14.1	24.6	17.0
	839	24.5	14.2	24.6	16.9
	909	24.5	14.2	24.6	16.7
	939	24.6	14.2	24.6	16.5
	1009	24.7	14.2	24.6	16.4
	1039	24.9	14.4	24.6	16.4
	1109	24.9	14.3	24.6	16.6
	1139	24.9	14.1	24.6	16.8
	1209	24.7	13.9	24.6	16.8
	1239	25.1	13.9	24.6	16.8
	1309	25.1	13.9	24.6	16.8
	1339	24.8	14.0	24.6	16.9
	1409	24.9	14.0	24.6	16.8
	1439	25.1	14.2	24.6	16.5
	1509	25.3	14.2	24.6	16.3
	1539	25.1	14.3	24.6	16.2
	1609	25.5	14.4	24.6	16.5
	1639	25.5	14.3	24.5	16.2
	1710	25.5	14.3	24.6	16.3
	1740	25.1	14.1	24.6	16.3
	1810	25.2	14.2	24.6	16.4
	1840	25.2	14.1	24.6	16.5
	1910	25.2	14.0	24.6	16.4
	1940	25.1	14.1	24.5	16.3
	2010	25.2	14.1	24.6	16.4
	2039	25.0	14.3	24.6	16.4
	2109	25.3	14.2	24.6	16.5
	2139	25.4	14.1	24.6	16.6
	2209	25.2	14.2	24.6	16.4
	2239	25.7	14.2	24.6	16.2
	2309	25.6	14.4	24.5	16.0
	2339	25.3	14.3	24.5	16.1

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NC. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DECFLES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
8/12/74	1111	24.5	13.0	24.4	16.2
	1112	24.4	13.0	24.4	16.2
	1140	24.7	13.0	24.4	16.0
	1210	24.7	13.0	24.4	15.9
	1240	24.7	13.0	24.4	16.3
	1310	24.6	13.1	24.4	16.3
	1340	25.1	12.4	24.4	16.4
	1410	24.6	12.3	24.4	16.5
	1440	24.9	12.4	24.4	16.4
	1510	24.9	13.6	24.4	16.1
	1540	24.9	13.1	24.4	16.0
	1610	25.0	13.5	24.4	15.8
	1640	24.9	13.8	24.4	15.8
	1710	25.0	13.7	24.4	15.9
	1740	25.1	13.5	24.4	16.2
	1810	25.1	13.5	24.4	16.3
	1840	25.3	13.3	24.4	16.2
	1910	25.4	13.3	24.4	16.3
	1940	25.5	13.2	24.5	16.7
	2010	25.8	12.9	24.4	16.6
	2040	25.3	13.4	24.4	16.5
	2110	25.3	13.4	24.4	16.4
	2140	25.1	13.9	24.4	16.4
	2210	25.1	14.0	24.5	16.6
	2239	25.1	13.8	24.5	16.4
	2309	25.1	13.6	24.4	16.2
	2339	25.2	13.2	24.5	16.6

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NC. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
8/12/74	9	25.4	14.5	24.6	16.4
	39	25.1	14.1	24.6	16.3
	109	24.7	13.0	24.4	16.1
	139	25.2	13.9	24.6	16.2
	209	25.1	13.5	24.6	16.3
	239	25.1	13.9	24.5	16.2
	309	24.9	14.1	24.5	16.2
	339	25.1	13.8	24.5	16.2
	409	24.9	13.6	24.5	16.1
	439	24.3	13.0	24.5	16.0
	509	24.1	12.9	24.5	16.0
	539	24.2	13.0	24.5	15.9
	609	24.8	13.8	24.5	16.0
	639	24.2	12.9	24.5	15.9
	709	24.5	13.4	24.5	16.0
	739	24.7	13.8	24.5	16.1
	809	24.7	13.7	24.5	16.1
	839	24.7	13.9	24.5	16.1
	909	24.8	14.0	24.5	16.0
	939	24.7	13.8	24.5	16.0
	1009	24.4	13.3	24.5	15.9

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NC. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
5/13/74	9	25.2	13.2	24.5	16.6
	29	25.1	13.0	24.5	16.5
	109	25.1	12.5	24.4	16.5
	139	25.2	13.1	24.4	16.1
	209	25.0	12.9	24.4	16.4
	239	24.8	12.6	24.4	16.5
	309	24.8	12.6	24.5	16.5
	339	24.9	12.6	24.3	15.4
	409	24.9	12.7	24.4	16.1
	439	24.8	12.7	24.4	16.2
	509	24.9	13.0	24.4	15.9
	539	24.8	13.2	24.4	15.8
	609	24.8	13.2	24.4	16.1
	639	24.8	13.3	24.4	15.9
	709	24.8	13.3	24.4	16.0
	739	24.8	13.3	24.4	15.9
	809	25.0	13.4	24.4	16.0
	839	24.9	13.3	24.4	16.0
	909	24.8	13.2	24.4	15.8
	939	25.1	14.0	24.4	15.9
	1009	25.1	13.8	24.4	15.9
	1039	24.9	13.4	24.4	16.0
	1109	25.0	13.6	24.4	16.2
	1139	25.1	13.6	24.4	16.1
	1209	25.1	13.5	24.4	16.3
	1239	24.9	13.0	24.5	16.7
	1310	25.0	12.9	24.4	16.4
	1340	25.1	12.6	24.4	16.1
	1410	25.2	12.3	24.4	16.6
	1440	25.2	12.4	24.4	16.1
	1510	25.1	12.4	24.4	16.4
	1540	25.1	12.4	24.4	16.2
	1610	25.0	13.1	24.4	16.0
	1640	25.1	13.2	24.4	15.8
	1710	25.1	13.3	24.3	15.7
	1740	25.3	13.1	24.4	15.8
	1810	25.8	13.0	24.4	16.1
	1840	25.9	13.3	24.4	16.1
	1910	25.7	13.2	24.4	16.1
	1940	25.7	13.2	24.4	16.1
	2010	25.6	13.4	24.4	16.1
	2040	25.4	13.3	24.4	16.1
	2110	25.5	13.2	24.4	16.4
	2140	25.5	13.3	24.4	16.4
	2210	25.5	13.3	24.4	16.4
	2240	25.4	13.4	24.4	16.6
	2310	25.4	13.3	24.5	16.8
	2340	25.7	13.3	24.5	16.7

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NC. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
8/14/74	10	25.6	13.4	24.4	16.9
	40	25.5	13.4	24.4	16.6
	110	25.5	13.0	24.4	16.3
	139	25.5	13.0	24.4	15.9
	209	25.5	13.0	24.4	16.0
	239	25.5	12.8	24.4	16.0
	309	25.5	12.7	24.4	16.1
	339	25.5	12.7	24.4	16.1
	409	25.4	12.5	24.4	16.1
	439	25.4	12.5	24.4	16.1
	509	25.5	13.0	24.4	16.3
	539	25.5	12.9	24.4	16.2
	609	25.5	12.9	24.4	16.3
	639	25.5	12.9	24.4	16.2
	709	25.5	13.1	24.4	16.1
	739	25.4	13.0	24.4	16.1
	809	25.4	13.3	24.4	15.9
	839	25.4	13.7	24.4	16.0
	909	25.5	13.5	24.4	15.9
	940	25.7	13.1	24.4	16.1
	1010	25.5	13.5	24.4	16.3
	1040	25.4	13.6	24.4	16.3
	1110	25.5	13.3	24.4	16.3
	1210	25.9	13.1	24.4	16.0
	1240	26.1	12.8	24.4	16.2
	1310	25.8	12.9	24.4	16.7
	1340	25.7	12.6	24.4	16.5
	1410	25.7	12.7	24.4	16.5
	1440	25.5	12.8	24.4	16.7
	1510	25.8	12.8	24.4	16.8
	1540	25.9	12.6	24.4	16.7
	1610	26.3	12.8	24.4	16.7
	1640	26.0	12.7	24.4	16.4
	1710	25.6	12.9	24.4	16.0
	1740	26.0	13.0	24.4	16.1
	1810	25.9	13.1	24.3	15.9
	1840	26.3	12.9	24.3	15.9
	1910	26.2	13.1	24.3	15.8
	1940	25.9	13.2	24.3	15.6
	2010	25.9	13.1	24.3	15.8
	2040	26.1	13.1	24.3	16.5
	2110	26.4	13.0	24.3	16.7
	2140	26.5	12.9	24.3	16.8
	2210	26.5	13.0	24.3	16.8
	2239	26.3	13.2	24.3	16.2
	2309	26.2	13.0	24.4	15.4
	2347	17.7	30.1	4.2	20.1

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
8/15/74	10	26.0	13.4	24.4	16.2
	40	26.1	13.3	24.4	16.6
	110	26.1	13.3	24.4	16.6
	140	26.1	13.2	24.4	16.3
	210	25.8	13.1	24.4	16.4
	240	25.9	13.1	24.4	16.4
	310	25.9	13.1	24.4	16.4
	340	25.8	12.9	24.4	16.4
	410	25.8	12.8	24.4	16.4
	440	25.8	12.8	24.4	16.2
	509	25.7	12.8	24.4	16.2
	539	25.6	12.9	24.4	16.3
	609	25.8	13.1	24.4	16.3
	639	25.8	13.0	24.4	16.1
	709	25.8	13.0	24.4	16.1
	739	25.6	11.9	4.2	22.5
	809	25.7	13.7	24.4	16.2
	839	25.7	13.4	24.4	16.2
	910	25.7	13.2	24.4	16.2
	940	25.7	13.3	24.4	16.2
	1010	25.7	13.2	24.4	16.1
	1040	26.0	13.0	24.4	16.2
	1110	25.9	13.1	24.4	16.0
	1140	25.7	13.3	24.4	16.0
	1210	25.8	13.3	24.4	16.2
	1240	25.9	13.5	24.4	16.1
	1310	26.1	13.2	24.4	16.1
	1340	26.2	13.2	24.4	16.1
	1410	26.4	12.9	24.4	16.2
	1440	26.5	12.9	24.4	16.1
	1510	26.2	13.0	24.4	15.9
	1540	26.0	13.1	24.4	16.0
	1610	25.8	13.4	24.4	16.2
	1640	26.2	12.9	24.4	16.2
	1710	26.8	12.9	24.4	16.2
	1740	27.2	12.8	24.4	16.2
	1810	27.0	12.8	24.4	16.2
	1840	26.9	13.0	24.4	16.0
	1910	27.0	13.1	24.4	16.0
	1940	26.6	13.2	24.4	16.1
	2010	26.5	13.1	24.4	16.2
	2040	26.9	13.3	24.4	16.1
	2110	26.7	13.3	24.4	16.2
	2140	26.4	13.4	24.4	16.3
	2210	26.2	13.4	24.4	16.2
	2240	26.3	13.5	24.4	16.2
	2310	26.3	13.5	24.4	16.2
	2340	26.2	13.5	24.4	16.2

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
8/16/74	10	26.2	13.5	24.4	15.8
	40	26.2	13.6	24.4	16.1
	110	26.2	13.6	24.4	16.1
	140	26.3	13.5	24.4	15.9
	210	26.3	13.6	24.4	16.1
	240	26.4	13.6	24.4	15.9
	310	26.2	13.6	24.5	15.5
	340	26.3	13.4	24.4	15.9
	410	26.4	13.3	24.4	16.1
	440	26.4	13.1	24.4	16.1
	510	26.4	13.2	24.4	15.9
	540	26.4	13.1	24.6	15.7
	610	26.3	13.1	24.6	15.5
	640	26.3	13.2	24.8	14.9
	710	26.3	13.3	24.6	15.4
	740	26.3	13.2	24.5	15.6
	810	26.3	13.2	24.5	15.7
	840	26.3	13.4	24.5	15.9
	910	26.3	13.5	24.4	16.0
	940	26.3	13.4	24.4	16.0
	1010	26.3	13.5	24.4	16.0
	1040	26.3	13.6	24.4	15.9
	1110	26.4	13.6	24.4	15.9
	1140	26.1	13.6	24.4	15.9
	1210	26.2	13.6	24.4	15.9
	1240	26.3	13.7	24.7	15.4
	1310	26.2	13.8	24.5	15.7
	1340	27.0	13.5	24.4	15.9
	1410	26.5	13.0	24.4	15.8
	1440	26.2	14.0	24.4	15.9
	1510	26.7	13.7	24.5	15.5
	1540	26.8	13.6	24.5	15.7
	1610	26.7	13.6	24.4	15.8
	1640	27.0	13.4	24.5	15.5
	1710	27.0	13.4	24.5	15.7
	1740	27.0	13.5	24.5	15.6
	1810	27.1	13.4	24.5	15.8
	1840	27.2	13.4	24.6	15.3
	1910	27.2	13.4	24.6	15.3
	1940	26.8	13.6	24.6	15.4
	2010	26.7	13.6	24.6	15.5
	2040	26.7	13.7	24.6	15.5
	2110	26.6	13.9	24.6	15.5
	2140	26.7	13.9	24.6	15.5
	2210	26.5	14.0	24.6	15.6
	2240	26.4	14.1	24.6	15.6
	2310	26.4	14.2	24.5	15.7
	2340	26.4	14.2	24.5	15.7

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NC. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
6/17/74	10	26.4	14.1	24.5	15.8
	40	26.6	13.8	24.6	15.6
	110	26.5	13.9	24.6	15.5
	140	26.5	13.9	24.6	15.6
	210	26.4	13.9	24.5	15.8
	240	26.4	14.0	24.6	15.5
	310	26.6	14.0	24.7	15.3
	340	26.7	13.8	24.8	15.2
	410	26.7	13.7	24.7	15.4
	440	26.6	13.6	24.6	15.5
	510	26.4	13.8	25.0	14.9
	540	26.4	13.8	25.2	14.2
	610	26.5	13.7	24.9	15.1
	640	26.4	13.8	25.2	14.4
	710	26.5	13.5	25.4	13.7
	740	26.4	13.7	25.4	13.9
	810	26.4	13.8	25.2	14.3
	840	26.4	13.9	25.3	14.2
	910	26.4	13.8	25.2	14.3
	940	26.4	13.8	25.2	14.2
	1010	26.4	14.0	25.1	14.5
	1040	26.5	14.0	25.1	14.6
	1110	26.5	14.0	25.1	14.7
	1140	26.6	14.1	24.9	15.1
	1210	26.6	14.2	24.9	15.1
	1240	26.7	14.2	25.0	15.0
	1310	26.8	14.1	24.9	15.1
	1340	27.0	14.1	24.8	15.1
	1410	27.0	14.0	25.1	14.6
	1440	26.9	14.0	24.5	15.6
	1510	26.8	14.0	24.6	15.2
	1540	27.0	14.0	25.0	14.9
	1610	26.8	13.8	25.2	14.6
	1640	26.9	13.7	25.3	14.4
	1710	26.8	13.7	24.8	15.1
	1740	26.6	13.8	25.4	14.2
	1810	26.8	13.6	25.7	13.8
	1840	26.9	13.5	25.9	13.5
	1910	27.0	13.4	25.9	13.4
	1940	27.0	13.4	25.8	13.5
	2010	26.8	13.5	25.7	13.6
	2040	26.7	13.6	25.8	13.8
	2110	26.6	13.8	25.6	13.8
	2140	26.5	13.9	25.6	13.8
	2210	26.4	14.0	25.4	14.0
	2240	26.5	13.9	25.4	14.0
	2309	26.4	14.1	25.3	14.3
	2340	26.7	13.9	25.0	15.0

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TCP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
8/18/74	9	26.6	13.9	25.0	15.1
	40	26.5	13.9	24.8	15.3
	109	26.4	13.8	24.8	15.3
	139	26.5	14.0	24.8	15.3
	209	26.3	13.9	24.9	15.2
	239	26.4	14.1	25.0	15.0
	309	26.2	14.0	25.0	15.0
	339	26.4	14.0	25.0	15.1
	409	26.4	13.8	25.3	14.2
	439	26.4	13.6	25.4	13.8
	509	26.3	13.7	25.3	14.2
	539	26.3	13.7	25.4	13.6
	609	26.3	13.7	25.4	13.7
	639	26.3	13.6	25.3	13.6
	709	26.3	13.6	25.3	13.4
	739	26.2	13.6	25.3	13.5
	809	26.2	13.6	25.3	13.5
	839	26.2	13.6	25.3	13.6
	909	26.3	13.8	25.3	13.7
	940	26.3	13.8	25.2	14.1
	1010	26.4	13.8	25.2	14.0
	1040	26.5	13.8	25.1	14.3
	1110	26.5	13.9	25.2	14.1
	1140	26.5	14.0	25.2	14.4
	1210	26.6	14.0	25.0	15.2
	1240	26.5	14.0	25.0	15.3
	1310	26.6	14.0	24.9	15.4
	1340	26.6	14.0	24.9	15.3
	1410	26.6	14.0	24.9	15.4
	1440	26.8	14.0	24.8	15.4
	1510	26.6	14.0	24.9	15.2
	1540	26.5	14.0	25.0	14.9
	1610	27.3	14.0	25.0	14.7
	1640	28.5	13.8	25.1	14.6
	1710	27.5	13.8	25.4	14.1
	1740	27.1	13.6	25.4	13.8
	1810	27.1	13.7	25.4	13.8
	1840	28.2	13.6	25.6	13.7
	1910	27.3	13.6	25.6	13.6
	1940	27.4	13.6	25.8	13.6
	2010	27.1	13.6	25.4	14.1
	2040	27.1	13.5	25.6	13.9
	2110	27.2	13.6	25.5	13.9
	2140	27.1	13.7	25.2	14.6
	2210	27.2	13.7	25.1	14.9
	2240	27.0	13.8	25.0	15.0
	2310	26.8	13.9	25.0	15.0
	2340	26.8	14.0	25.0	15.0

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREES CF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
5/19/74	10	26.9	14.0	25.1	14.9
	40	26.9	13.8	25.1	14.9
	110	26.9	14.0	25.0	15.0
	140	26.8	14.1	25.0	15.0
	210	26.7	14.2	25.0	15.2
	240	26.8	14.0	25.0	15.1
	310	26.6	14.0	25.0	15.1
	340	26.5	14.0	25.0	15.1
	410	26.6	14.0	25.0	15.0
	440	26.6	14.0	25.1	14.9
	510	26.6	13.9	25.3	14.6
	540	26.7	13.9	25.5	14.2
	610	26.6	13.7	25.7	13.9
	640	26.6	13.8	25.8	13.8
	710	26.6	13.8	25.7	13.7
	740	26.6	13.8	25.6	13.7
	810	26.5	13.6	25.5	13.8
	850	26.6	13.4	25.5	14.0
	910	26.5	13.6	25.4	14.1
	940	26.5	13.6	25.5	14.0

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NC. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
8/19/74	1017	0.0	0.0	0.0	0.0
	1046	26.6	14.1	25.1	15.0
	1116	26.6	14.1	25.0	15.1
	1146	26.8	13.8	25.8	13.8
	1216	26.6	13.7	25.4	14.1
	1246	26.7	13.6	25.4	14.2
	1316	26.6	13.8	25.4	14.3
	1346	26.6	13.9	25.3	14.5
	1416	26.5	13.9	25.3	14.5
	1446	25.7	2.0	13.4	1.4
	1516	26.5	14.2	25.2	14.7
	1546	26.4	14.2	25.2	14.7
	1616	26.3	14.2	25.1	14.9
	1646	26.3	14.2	25.1	14.9
	1716	26.3	14.2	25.0	15.1
	1746	26.2	14.3	25.1	15.2
	1816	26.3	14.2	25.0	15.1
	1846	26.2	14.1	25.0	15.2
	1916	26.3	14.0	25.4	15.1
	1946	26.2	14.1	25.1	15.0
	2016	26.2	14.3	24.9	14.9
	2046	26.1	14.2	25.3	14.6
	2116	26.2	14.1	25.3	14.2
	2146	26.2	14.0	25.3	14.0
	2216	26.2	13.8	25.3	13.9
	2246	26.2	13.9	25.3	13.6
	2316	26.2	13.8	25.2	13.7
	2346	26.2	13.7	25.2	13.7

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
8/20/74	16	26.2	13.7	25.2	13.8
	46	26.3	13.7	25.3	13.8
	116	26.4	13.8	25.2	13.6
	146	26.4	13.8	25.3	13.8
	216	26.4	14.0	25.3	14.1
	246	26.5	14.1	25.3	14.1
	316	26.4	14.2	25.2	14.2
	346	26.5	14.2	25.4	14.1
	416	26.5	14.3	25.1	14.7
	446	26.5	14.3	25.2	14.9
	516	26.5	14.3	25.1	14.9
	546	26.4	14.3	25.1	14.9
	616	26.6	14.3	25.1	15.0
	646	26.7	14.3	25.0	15.0
	716	26.7	14.2	25.1	15.0
	746	26.7	14.1	25.0	15.0
	816	26.6	14.3	25.1	14.8
	846	26.7	14.3	25.2	14.6
	916	26.8	14.3	25.2	14.6
	946	26.6	14.3	25.5	14.3
	1016	26.6	14.2	25.6	14.1
	1046	26.6	14.1	25.6	14.1
	1116	26.6	13.9	25.6	14.0
	1146	26.5	13.8	25.6	14.0
	1216	26.5	13.6	25.5	14.0
	1246	26.6	13.8	25.5	14.1
	1316	26.5	13.7	25.5	14.1
	1346	26.5	13.8	25.5	14.1
	1416	26.4	13.9	25.6	14.1
	1446	26.4	14.0	25.5	14.0
	1516	26.3	14.2	25.4	14.3
	1546	26.2	14.3	25.4	14.3
	1616	26.2	14.3	25.3	14.6
	1646	26.3	14.5	25.4	14.4
	1716	26.3	14.4	25.3	14.5
	1746	26.2	14.5	25.2	14.8
	1816	26.2	14.4	25.1	15.0
	1846	26.2	14.4	25.1	15.0
	1916	26.2	14.5	25.1	15.0
	1946	26.2	14.3	25.1	15.0
	2016	26.2	14.2	25.1	15.3
	2046	26.1	14.3	25.1	14.9
	2116	26.1	14.4	24.2	15.0
	2146	26.1	14.3	25.3	14.5
	2216	26.2	14.3	25.2	14.2
	2246	26.2	14.1	25.2	14.0
	2316	26.2	13.9	25.2	14.0
	2346	26.2	13.9	25.2	13.9

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
8/21/74	16	26.2	13.9	25.2	14.0
	46	26.3	13.8	25.2	14.3
	116	26.2	13.9	25.4	14.5
	146	26.2	13.9	25.2	14.1
	216	26.2	14.0	25.2	13.8
	246	26.2	14.0	25.3	13.9
	316	26.3	14.1	25.3	13.9
	346	26.3	14.3	25.3	14.1
	416	26.3	14.3	25.4	14.0
	446	26.3	14.3	25.2	14.2
	516	26.2	14.4	25.3	14.2
	546	26.2	14.4	25.2	14.4
	616	26.2	14.4	25.2	14.6
	646	26.2	14.5	25.2	14.5
	716	26.2	14.5	25.2	14.5
	746	26.2	14.3	25.2	14.5
	816	26.2	14.3	25.2	14.6
	846	26.2	14.3	25.1	14.7
	916	26.2	14.5	25.5	14.6
	946	26.2	14.5	25.2	14.5
	1016	26.2	14.5	25.2	14.4
	1046	26.2	14.4	25.3	14.1
	1146	26.1	14.1	25.2	14.1
	1216	26.1	14.1	25.2	13.9
	1246	26.1	14.0	25.2	14.0
	1316	26.1	14.0	25.2	14.0
	1346	26.0	13.9	25.2	13.8
	1416	26.0	13.9	25.2	14.0
	1446	26.0	14.0	25.2	13.9
	1516	26.0	14.1	25.2	13.9
	1546	26.0	14.2	25.2	13.9
	1616	26.0	14.3	25.1	14.0
	1646	26.0	14.3	25.2	14.2
	1716	26.0	14.3	25.2	14.3
	1746	26.0	14.4	25.2	14.4
	1816	26.0	14.4	25.2	14.4
	1846	26.0	14.4	25.2	14.6
	1916	26.0	14.4	25.2	14.6
	1946	26.0	14.4	25.1	14.7
	2016	26.0	14.3	25.1	14.8
	2046	26.0	14.3	25.1	14.8
	2116	26.0	14.3	25.2	14.7
	2146	26.0	14.3	25.2	14.6
	2216	26.0	14.3	25.2	14.5
	2246	26.0	14.2	25.1	14.5
	2316	26.0	14.1	25.2	14.3
	2346	26.0	14.1	25.2	14.2

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUDY NC. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
8/22/74	16	26.0	14.0	25.2	14.1
	46	26.0	14.0	25.1	14.1
	116	26.1	14.1	25.2	14.0
	146	26.1	13.8	25.1	13.9
	216	26.0	14.0	25.1	14.0
	246	26.2	14.0	25.1	14.0
	316	26.2	14.0	25.1	14.1
	346	26.1	14.1	25.1	14.1
	416	26.2	14.3	25.1	14.1
	446	26.1	14.4	25.1	14.3
	516	26.1	14.4	25.1	14.3
	546	26.2	14.5	25.1	14.3
	616	26.2	14.5	25.1	14.3
	646	26.4	14.4	25.1	14.3
	716	26.4	14.4	25.1	14.3
	746	26.0	14.7	25.1	14.4
	816	26.0	14.8	25.1	14.5
	846	26.4	14.3	25.1	14.6
	916	26.6	14.3	25.1	14.6
	946	26.5	14.3	25.1	14.6
	1016	26.5	14.3	25.1	14.5
	1046	26.4	14.3	25.1	14.3
	1116	26.5	14.3	25.1	14.2
	1146	26.6	14.2	25.1	14.1
	1216	26.4	14.1	25.2	14.0
	1246	26.4	14.0	25.2	14.0
	1316	26.3	13.9	25.2	13.9
	1346	26.2	13.8	25.3	13.7
	1416	26.3	13.7	25.3	13.4
	1446	26.4	13.7	26.9	11.9
	1516	0.0	0.0	0.0	0.0
	1546	0.0	0.0	0.0	0.0
	1616	0.0	0.0	0.0	0.0
	1646	0.0	0.0	0.0	0.0
	1716	0.0	0.0	0.0	0.0
	1746	0.0	0.0	0.0	0.0
	1816	0.0	0.0	0.0	0.0
	1846	0.0	0.0	0.0	0.0
	1916	0.0	0.0	0.0	0.0
	1946	0.0	0.0	0.0	0.0
	2016	0.0	0.0	0.0	0.0
	2046	0.0	0.0	0.0	0.0
	2116	0.0	0.0	0.0	0.0
	2146	0.0	0.0	0.0	0.0
	2216	0.0	0.0	0.0	0.0
	2246	0.0	0.0	0.0	0.0
	2316	0.0	0.0	0.0	0.0
	2346	0.0	0.0	0.0	0.0

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NC. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
8/23/74	16	0.0	0.0	0.0	0.0
	46	0.0	0.0	0.0	0.0
	116	0.0	0.0	0.0	0.0
	146	0.0	0.0	0.0	0.0
	216	0.0	0.0	0.0	0.0
	246	0.0	0.0	0.0	0.0
	316	0.0	0.0	0.0	0.0
	346	0.0	0.0	0.0	0.0
	416	0.0	0.0	0.0	0.0
	446	0.0	0.0	0.0	0.0
	516	26.5	13.8	25.3	13.7
	546	26.5	13.9	25.2	13.9
	616	26.4	13.9	25.2	13.9
	646	26.3	14.0	25.2	13.9
	716	26.3	14.0	25.1	14.1
	746	26.2	14.1	25.1	14.1
	816	26.2	14.2	25.1	14.1
	846	26.2	14.1	25.2	14.1
	916	26.2	14.1	25.2	14.2
	946	26.3	14.1	25.2	14.3
	1016	26.4	14.1	25.2	14.2
	1046	26.3	14.0	25.1	14.2
	1116	26.3	14.1	25.2	14.0
	1146	26.2	14.0	25.2	13.9
	1216	26.2	14.0	25.3	13.8
	1246	26.3	13.9	25.3	13.5
	1316	26.2	13.8	25.3	13.4
	1346	26.1	13.6	25.3	13.2
	1416	26.2	13.6	25.4	13.2
	1446	26.2	13.6	25.4	13.1
	1516	26.1	13.4	25.3	13.1
	1546	26.1	13.3	25.4	12.9
	1616	26.1	13.4	24.2	13.0
	1646	26.2	13.6	25.5	13.3
	1716	26.2	13.6	25.4	13.2
	1746	26.0	13.8	25.4	13.1
	1816	26.1	13.8	25.3	13.4
	1846	26.1	13.9	25.2	13.6
	1916	26.0	14.1	25.2	13.6
	1946	26.0	14.1	25.9	13.3
	2016	26.0	14.2	25.0	13.6
	2046	26.0	14.2	24.8	13.7
	2116	25.9	14.1	25.4	13.6
	2146	25.9	14.0	25.3	14.0
	2216	25.9	13.9	25.2	14.0
	2246	26.0	13.8	25.2	14.0
	2316	26.0	13.8	25.2	14.0
	2346	26.0	13.8	25.2	13.8

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
8/24/74	16	26.1	13.8	25.2	13.7
	46	26.1	13.7	25.2	13.8
	116	26.1	13.7	25.2	13.8
	146	26.1	13.7	25.2	13.6
	216	26.0	13.5	25.2	13.0
	246	26.0	13.4	25.2	13.6
	316	26.1	13.3	25.2	13.8
	346	23.7	16.5	17.8	26.0
	416	26.1	13.1	25.4	13.8
	446	26.1	13.1	25.2	13.2
	516	26.2	13.2	25.2	13.4
	546	26.3	13.6	25.2	13.5
	616	26.6	13.7	25.2	13.4
	646	26.5	13.7	25.2	13.3
	716	26.2	13.8	25.2	13.5
	746	26.4	13.8	25.2	13.4
	816	26.3	13.8	25.2	13.6
	846	26.4	13.8	25.2	13.7
	916	26.2	13.9	25.2	13.8
	946	26.7	13.8	25.2	13.8
	1016	26.6	13.8	25.2	13.9
	1046	26.6	13.9	25.2	13.9
	1116	26.6	14.0	25.2	13.9
	1146	26.4	14.0	25.2	13.8
	1216	26.2	14.1	25.2	13.6
	1246	26.4	13.8	25.2	13.6
	1316	26.3	13.7	25.2	13.5
	1346	26.2	13.5	25.2	13.2
	1416	26.3	13.5	25.4	12.8
	1446	26.2	13.5	25.4	12.7
	1516	26.2	13.3	25.4	12.7
	1546	26.2	13.3	25.4	12.7
	1616	26.2	13.2	25.4	12.9
	1646	26.3	13.3	25.3	13.1
	1716	23.7	17.9	13.4	12.6
	1746	23.7	17.6	13.4	13.7
	1816	26.2	13.5	25.3	13.2
	1846	26.1	13.3	25.3	13.2
	1916	26.1	13.5	25.3	13.0
	1946	26.2	13.6	25.3	13.2
	2016	26.1	13.6	25.2	13.4
	2046	26.1	13.7	25.2	13.5
	2116	26.1	13.8	25.2	13.6
	2146	26.2	13.8	25.2	13.6
	2216	26.0	13.6	25.2	13.7
	2246	26.0	13.5	25.2	13.7
	2316	26.2	13.7	25.2	13.7
	2346	26.2	13.6	25.2	13.5

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NC. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
8/25/74	16	26.2	13.6	25.2	13.4
	46	23.7	20.4	12.6	19.6
	116	26.3	13.6	25.2	13.5
	146	26.4	13.5	25.2	13.5
	216	26.4	13.4	25.2	13.5
	246	26.3	13.3	25.2	13.6
	316	26.5	13.2	25.2	13.6
	346	26.4	13.3	25.2	13.6
	416	26.4	13.3	25.2	13.6
	446	26.6	13.3	25.2	13.6
	516	26.4	13.4	25.1	13.6
	546	26.5	13.3	25.2	13.6
	616	26.7	13.3	25.2	13.4
	646	26.8	13.4	25.2	13.3
	716	26.7	13.5	25.2	13.2
	746	26.8	13.5	25.2	13.2
	816	27.0	13.5	25.2	13.2
	846	26.9	13.6	25.2	13.2
	916	26.8	13.6	25.2	13.2
	946	26.8	13.7	25.2	13.3
	1016	26.8	13.7	25.1	13.6
	1046	26.8	13.7	25.1	13.7
	1116	26.8	13.7	25.1	13.7
	1146	26.8	13.6	25.1	13.7
	1216	26.7	13.6	25.1	13.7
	1246	26.6	13.7	25.1	13.5
	1316	26.6	13.6	25.2	13.4
	1346	26.5	13.9	25.2	13.4
	1416	26.7	13.6	25.1	13.5
	1446	26.6	13.5	25.2	13.5
	1516	26.6	13.6	25.2	13.5
	1546	26.6	13.4	25.2	13.5
	1616	26.7	13.4	25.2	13.5
	1646	26.8	13.4	25.2	13.5
	1716	26.7	13.2	25.2	13.6
	1746	26.7	13.4	25.2	13.5
	1816	26.7	13.4	25.1	13.6
	1846	26.6	13.5	25.2	13.4
	1916	26.6	13.6	25.2	13.4
	1946	26.6	13.5	25.2	13.3
	2016	26.6	13.4	25.2	13.3
	2046	26.6	13.5	25.2	13.4
	2116	26.5	13.6	25.2	13.4
	2146	26.4	13.5	25.2	13.4
	2216	26.5	13.7	25.1	13.6
	2246	26.6	13.8	25.1	13.7
	2316	26.6	13.8	25.1	13.7
	2346	26.6	13.9	25.1	13.7

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BODY NC. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
8/26/74	16	26.8	13.8	25.1	13.7
	46	26.7	13.2	25.1	13.7
	516	26.4	13.4	25.1	13.6
	546	26.5	13.3	25.2	13.6
	516	26.7	13.3	25.2	13.4

LOCATION 2 RAPPAHANNECK RIVER SMOKEY POINT BUOY NC. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
8/27/74	8	26.4	14.2	25.2	14.8
	38	26.6	14.1	25.1	14.8
	108	26.6	14.0	25.2	14.7
	138	26.9	14.1	25.2	14.7
	208	26.4	14.1	25.2	14.4
	238	26.5	13.9	25.2	14.5
	308	26.6	13.9	25.2	14.4
	338	26.7	13.9	25.2	14.4
	408	26.8	13.9	25.3	14.3
	438	27.0	13.8	25.4	14.1
	508	26.9	13.8	25.4	14.0
	538	27.9	13.8	25.3	14.1
	608	27.0	13.8	25.5	13.9
	638	28.4	13.7	25.6	13.8
	708	28.2	13.7	25.4	14.0
	738	28.2	13.8	25.2	14.4
	808	27.8	13.8	25.3	14.4
	838	27.4	13.8	25.3	14.2
	908	27.1	13.8	25.3	14.3
	938	27.2	14.0	25.2	14.6
	1008	26.9	14.1	25.2	14.6
	1038	26.8	14.1	25.2	14.6
	1108	26.8	14.1	25.2	14.7
	1138	26.8	14.1	25.2	14.7
	1208	26.7	14.2	25.2	14.8
	1238	26.7	14.1	25.1	14.9
	1308	27.1	14.0	25.1	15.0
	1338	27.0	14.0	25.1	14.8
	1408	26.7	14.1	25.2	14.7
	1438	26.7	14.0	25.2	14.8
	1508	26.6	14.0	25.2	14.8
	1538	26.8	13.9	25.2	14.6
	1608	26.8	13.9	25.2	14.5
	1638	26.9	13.7	25.4	14.4
	1708	26.9	13.7	25.3	14.6
	1738	26.8	13.6	25.2	14.7
	1808	26.8	13.6	25.2	14.7
	1838	26.8	13.6	25.3	14.6
	1908	26.8	13.7	25.2	14.8
	1938	26.8	13.7	25.5	14.3
	2008	26.8	13.7	25.7	13.9
	2038	26.8	13.7	25.5	14.2
	2108	26.7	13.7	25.6	14.1
	2138	26.8	13.7	25.5	14.2
	2208	26.7	13.8	25.5	14.2
	2238	26.7	13.8	25.5	14.2
	2308	26.8	13.8	25.5	14.2
	2338	26.7	13.9	25.4	14.3

LOCATION 2 RAPPAHANNECK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.42.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
8/28/74	8	26.8	13.8	25.3	14.3
	38	26.8	13.7	25.3	12.0
	108	26.8	13.7	25.3	14.4
	128	27.2	13.6	25.3	14.4
	208	27.3	13.6	25.4	14.4
	228	26.9	13.7	25.4	14.3
	308	26.9	13.7	25.3	14.5
	328	27.4	13.7	25.3	14.6
	408	27.6	13.6	25.3	14.5
	428	27.8	13.5	25.4	14.3
	508	28.0	13.4	25.5	14.2
	528	27.9	13.3	25.6	14.0
	608	27.6	13.3	25.7	14.0
	628	27.6	13.2	25.4	14.2
	708	27.6	13.2	25.4	14.2
	728	0.5	1.1	0.0	0.0
	808	0.5	1.1	0.0	0.0
	828	27.6	13.2	25.4	14.2
	908	0.3	27.1	25.2	5.8
	928	27.9	13.1	25.3	14.5
	1008	27.8	13.2	25.4	14.4
	1028	27.8	13.3	25.4	14.3
	1108	27.8	13.3	25.6	14.2
	1208	27.9	13.4	25.6	14.1
	1228	28.0	13.6	25.4	14.3
	1308	27.8	13.5	25.2	14.7
	1328	27.6	13.8	25.3	14.6
	1408	27.4	13.8	25.2	14.7
	1428	27.4	13.8	25.2	14.7
	1508	27.4	13.8	25.3	14.7
	1528	27.4	13.9	25.2	14.7
	1608	27.6	13.7	25.2	14.7
	1628	27.0	13.7	25.3	14.5
	1708	27.3	13.6	25.2	14.7
	1728	27.3	13.6	25.4	14.6
	1808	27.2	13.5	25.5	14.3
	1828	27.2	13.4	25.5	14.3
	1908	27.1	13.2	25.2	14.9
	1928	27.1	13.1	25.2	14.9
	2008	27.3	13.0	25.2	14.9
	2028	27.5	12.9	25.2	15.0
	2108	27.3	12.9	25.2	14.8
	2128	27.2	12.9	25.3	14.8
	2208	27.2	12.9	25.2	14.8
	2228	27.2	12.9	25.3	14.8
	2308	27.2	13.0	25.4	14.6
	2328	27.2	13.1	25.4	14.5

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
8/29/74	8	27.2	13.2	25.5	14.4
	38	27.1	13.2	25.4	14.5
	108	27.1	13.5	25.4	14.6
	138	27.0	13.5	25.4	14.6
	208	27.4	13.4	25.4	14.6
	238	27.3	13.4	25.2	14.9
	308	27.4	13.4	25.2	15.0
	338	27.6	13.3	25.3	14.7
	408	27.7	13.4	25.3	14.6
	438	27.8	13.5	25.3	14.6
	508	27.7	13.5	25.3	14.5
	538	27.7	13.5	25.3	14.5
	608	28.0	13.3	25.2	14.8
	638	28.2	13.2	25.2	14.7
	708	28.2	13.2	25.3	14.5
	738	28.1	13.0	25.2	14.7
	808	28.0	12.9	25.2	14.7
	838	27.8	12.8	25.2	14.8
	908	28.0	12.9	25.2	14.9
	938	28.0	12.8	25.2	14.8
	1008	28.0	12.9	25.2	14.8
	1038	28.1	13.1	25.4	14.5
	1108	27.8	12.9	25.6	14.1
	1138	28.0	13.2	25.7	14.0
	1208	27.9	13.4	25.7	14.2
	1238	27.9	13.4	25.4	14.4
	1308	27.6	13.7	25.2	15.2
	1338	27.5	13.7	25.2	15.3
	1408	27.6	13.7	25.2	15.3
	1438	27.6	13.7	25.1	15.4
	1508	27.6	13.6	25.1	15.4
	1538	27.6	13.6	25.2	15.2
	1608	27.6	13.6	25.1	15.4
	1638	27.5	13.6	25.0	15.7
	1708	27.4	13.7	25.0	15.8
	1738	27.6	13.6	25.0	15.9
	1808	27.6	13.3	25.0	15.9
	1838	27.7	13.1	25.0	15.8
	1908	27.6	13.0	25.1	15.6
	1938	27.7	13.1	25.2	15.4
	2008	27.4	13.2	25.3	15.0
	2038	27.4	13.0	25.3	14.8
	2108	27.4	13.0	25.4	14.8
	2138	27.4	13.0	25.4	14.9
	2208	27.4	12.7	25.4	14.8
	2238	27.4	13.1	25.3	15.2
	2308	27.3	13.1	25.3	15.3
	2338	27.3	13.3	25.7	14.7

LOCATION 2 KAPPATANNECK RIVER SMOKEY POINT BUOY NC. 9

LATITUDE 37.45.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TCP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
6/30/74	8	27.5	13.4	25.5	14.8
	38	27.4	13.3	25.7	14.6
	108	27.5	13.5	25.7	14.5
	138	27.6	13.3	25.8	14.5
	208	27.3	13.7	25.0	15.7
	238	27.6	13.6	25.0	15.9
	308	27.4	13.4	25.0	16.0
	338	27.4	13.4	25.0	16.0
	408	27.8	13.2	25.0	16.0
	438	27.8	13.3	25.0	16.1
	508	27.8	13.0	25.0	16.0
	538	27.9	13.4	24.9	16.3
	608	27.9	13.5	25.0	16.1
	638	27.8	13.4	24.9	16.4
	708	28.0	13.6	24.9	16.4
	738	27.9	13.3	24.9	16.5
	808	28.0	13.2	24.9	16.5
	838	28.1	13.0	24.9	16.5
	908	28.1	12.9	24.9	16.5
	938	28.0	12.8	24.8	16.6
	1008	28.0	12.8	24.9	16.5
	1038	28.0	12.8	24.9	16.4
	1108	27.8	12.4	25.0	16.1
	1138	27.9	12.5	25.1	16.0
	1208	27.8	12.7	25.2	15.8
	1238	27.8	12.8	25.2	15.6
	1308	27.8	12.7	25.1	16.0
	1338	27.7	12.6	25.2	15.8
	1408	27.7	12.7	25.0	16.1
	1438	27.6	12.7	25.1	16.0
	1508	27.6	13.0	25.0	16.2
	1538	27.7	12.9	25.0	16.4
	1608	27.6	12.9	24.9	16.7
	1638	27.5	13.1	24.8	17.0
	1708	27.6	13.0	24.8	17.2
	1738	27.6	13.0	24.8	16.9
	1808	27.6	13.5	24.8	17.0
	1838	27.4	13.2	24.9	16.9
	1908	27.4	13.2	24.7	17.7

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NC. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
8/31/74					
	1008	27.4	13.1	24.9	17.0
	1308	27.3	13.2	24.9	17.1
	2008	27.4	13.3	25.0	16.9
	2308	27.4	13.3	25.0	16.8
	3008	27.4	13.3	24.9	17.0
	3308	27.5	13.3	24.9	17.2
	4008	27.4	13.0	24.8	17.7
	4308	27.4	13.0	24.8	17.9
	5008	27.5	13.0	24.7	17.9
	5308	28.1	12.9	24.8	17.7
	6008	27.8	13.0	24.8	17.3
	6308	27.7	13.3	24.8	17.6
	7008	28.0	13.2	24.8	17.8
	7308	28.2	13.1	24.7	18.0
	8008	28.1	13.0	24.8	17.9
	8308	28.2	12.9	24.8	17.9
	9008	28.3	12.7	24.7	18.1
	9308	28.4	12.6	24.7	18.0
	10008	28.3	12.6	24.8	17.9
	10308	28.2	12.7	24.8	17.8
	11008	28.2	12.3	24.8	17.8
	11308	28.1	12.5	24.8	17.8
	12008	28.1	12.4	24.8	17.6
	12308	28.0	12.3	24.8	17.6
	13008	28.0	12.5	24.9	17.5
	13308	27.5	13.4	24.9	17.3
	14008	27.7	12.6	24.8	17.6
	14308	27.6	12.7	24.8	17.6
	15008	27.6	12.9	24.8	17.8
	15308	27.7	13.0	24.9	17.3
	16008	27.6	13.1	25.1	16.9
	16308	27.5	13.3	24.8	17.8
	17008	27.6	13.2	24.8	18.0
	17308	27.6	13.1	24.8	18.0
	18008	27.4	13.1	24.8	18.0
	18308	27.4	13.0	24.8	17.8
	19008	27.4	13.5	24.8	17.8
	19308	27.4	13.3	24.8	18.0
	20008	27.4	13.3	24.8	18.0
	20308	27.4	13.3	24.8	18.0
	21008	27.4	13.4	24.8	18.1
	21308	27.4	13.3	24.8	18.1
	22008	27.3	13.4	24.8	18.1
	22308	27.3	13.0	24.8	18.1
	23008	27.3	12.9	24.8	18.1
	23308	27.5	12.9	24.8	18.0

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUDY NC. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
9/ 1/74	8	27.5	12.6	24.8	17.9
	38	27.5	12.8	24.9	17.8
	108	27.4	13.0	24.9	17.6
	138	27.3	13.3	24.9	17.7
	208	27.3	13.5	24.9	17.5
	238	27.4	13.3	24.8	17.9
	308	27.8	13.3	24.8	18.1
	338	28.1	13.3	24.8	18.2
	408	28.1	13.3	24.8	18.2
	438	28.2	13.2	24.9	17.5
	508	28.2	13.2	24.9	17.5
	538	28.1	13.3	24.8	18.2
	608	28.6	13.3	24.8	17.9
	638	27.8	13.3	24.8	18.2
	708	27.6	13.4	24.8	18.4
	738	28.2	13.0	24.8	18.2
	808	27.6	13.2	24.8	18.0
	838	27.4	13.4	24.8	18.3
	908	28.0	13.2	24.8	18.3
	938	28.0	13.5	24.8	18.2
	1008	28.1	13.6	24.8	18.1
	1038	28.2	13.4	24.8	18.1
	1108	28.3	13.3	24.8	18.2
	1138	28.4	13.1	24.8	18.2
	1208	28.3	13.0	24.9	18.1
	1238	28.3	12.7	24.9	18.0
	1308	28.2	12.7	24.9	18.1
	1338	28.1	12.7	24.9	18.1
	1408	28.0	12.8	24.9	18.1
	1438	28.0	13.3	24.9	18.1
	1508	27.8	12.9	24.9	18.0
	1538	27.9	12.8	25.0	17.9
	1608	28.0	13.1	25.0	18.0
	1638	27.9	13.2	25.0	17.9
	1708	27.8	13.3	25.0	17.8
	1738	27.8	13.3	25.0	17.9
	1808	27.7	13.4	24.9	18.0
	1838	27.7	13.3	24.9	18.2
	1908	27.7	13.2	24.8	18.3
	1938	27.7	13.3	24.9	18.2
	2008	27.7	13.2	25.0	17.8
	2038	27.7	13.2	25.0	17.7
	2108	27.6	13.4	25.0	18.0
	2138	27.8	13.5	24.9	18.1
	2208	27.7	13.5	24.9	18.0
	2238	27.7	13.4	24.9	18.0
	2308	27.5	13.4	24.9	18.2
	2338	27.3	13.3	24.9	18.2

LOCATION 2 RAPPAHANNECK RIVER SMOKEY POINT BUOY NC. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
9/ 2/74	8	27.2	13.0	25.0	18.1
	38	27.3	13.1	24.9	18.1
	108	27.4	13.1	24.9	18.1
	138	27.4	12.8	25.0	18.0
	208	27.4	12.8	25.0	17.7
	238	27.4	13.3	25.0	17.7
	308	27.3	13.5	25.1	17.7
	338	27.3	13.7	25.1	17.6
	408	27.4	13.5	25.2	17.3
	438	27.4	13.5	25.2	17.3
	508	27.4	13.5	25.1	17.5
	538	27.6	13.5	25.1	17.6
	608	27.6	13.4	25.1	17.7
	638	27.7	13.5	25.0	18.0
	708	28.1	13.4	25.0	18.1
	738	27.2	13.9	24.9	18.1
	808	27.8	13.1	25.0	18.1
	838	27.5	13.9	25.0	18.0
	908	27.4	14.0	25.0	18.1
	938	28.7	13.5	24.9	18.5
	1008	28.7	13.5	24.9	18.6
	1038	28.7	13.3	24.9	18.4
	1108	28.3	13.3	25.0	18.2
	1138	27.9	13.4	25.0	18.2
	1208	27.8	13.2	25.0	18.4
	1238	27.8	13.2	25.0	18.4
	1308	27.8	13.1	24.9	18.4
	1338	27.8	12.7	25.0	18.3
	1408	27.8	12.7	25.0	18.3
	1438	27.7	12.8	25.0	18.0
	1508	27.6	12.9	25.1	18.0
	1538	27.4	13.5	25.0	18.0
	1608	27.6	13.6	25.1	17.9
	1638	27.6	13.7	25.1	17.9
	1708	27.6	13.7	25.0	18.0
	1738	27.5	13.7	25.0	18.0
	1808	27.4	13.9	25.0	18.0
	1838	27.4	13.9	25.2	18.0
	1908	27.4	14.3	25.0	18.0
	1938	27.4	14.1	25.0	18.2
	2008	27.3	14.0	25.0	18.2
	2038	27.3	14.1	25.0	18.2
	2108	27.2	14.1	25.1	18.0
	2138	27.2	14.0	25.1	17.9
	2208	27.2	14.1	25.2	17.7
	2238	27.1	14.1	25.2	17.8
	2308	27.1	14.0	25.2	18.0
	2338	27.0	14.0	25.1	17.9

LOCATION 2 RAPPAHANNECK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
9/ 3/74	8	27.0	14.0	25.2	17.6
	33	27.0	14.0	25.2	17.6
	103	27.0	14.0	25.4	17.4
	133	27.1	13.9	25.2	17.6
	203	26.9	14.0	25.2	17.6
	233	26.9	13.9	25.2	17.6
	303	27.0	14.1	25.6	16.3
	333	27.2	14.1	25.5	16.8
	403	27.2	14.2	25.5	16.7
	433	27.3	14.2	25.5	16.8
	503	27.2	14.4	25.4	17.3
	533	27.3	14.7	25.3	17.4
	603	27.4	14.8	25.2	17.7
	633	27.3	14.9	25.3	17.5
	703	27.4	14.9	25.2	17.6
	733	27.4	14.8	25.4	17.3
	803	27.4	14.7	25.2	17.6
	833	27.3	14.7	25.0	18.1
	903	27.4	14.5	25.1	17.9
	933	27.3	14.5	25.1	17.8
	1003	27.5	14.4	25.2	17.7
	1033	27.3	14.6	25.3	17.4
	1103	27.3	14.1	25.3	17.3
	1133	27.3	14.0	25.3	17.2
	1203	27.3	13.8	25.4	17.1
	1233	27.4	14.1	25.3	17.3
	1303	27.4	14.2	25.9	15.8
	1333	27.3	14.2	25.6	16.4
	1403	27.2	13.8	25.8	15.7
	1433	27.2	13.6	26.2	14.7
	1503	27.2	13.7	26.0	15.7
	1533	27.1	13.9	26.2	14.6
	1603	27.0	13.9	26.1	14.5
	1633	27.0	14.0	26.1	14.8
	1703	27.0	14.0	26.1	14.8
	1733	27.0	14.1	25.8	16.7
	1803	26.9	14.3	25.3	17.5
	1833	26.9	14.3	25.3	17.5
	1903	26.8	14.3	25.3	17.7
	1933	26.8	14.2	25.2	17.9
	2003	26.7	1.0	11.9	12.8
	2033	26.8	14.3	25.2	17.8
	2103	26.8	14.5	25.3	17.6
	2133	28.5	4.5	13.5	7.1
	2203	26.8	14.5	25.2	17.9
	2233	26.7	14.3	25.2	18.1
	2303	26.6	14.2	25.2	18.1
	2333	26.5	14.1	25.2	18.0

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LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
9/ 4/74	8	26.4	14.1	25.3	17.8
	38	26.4	14.2	25.2	18.0
	108	26.3	14.0	25.2	17.9
	138	26.2	14.0	25.3	17.3
	208	26.1	14.0	25.4	16.5
	238	26.2	14.1	25.2	17.9
	308	26.2	14.3	25.3	17.7
	338	26.0	14.2	25.3	17.6
	408	26.0	14.0	25.3	16.4

2
2
2

LOCATION 2 HATTERAS RIVER SMOKEY POINT BUOY NC. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
9/ 4/74	1135	25.9	14.5	25.2	18.0
	1204	30.0	13.5	25.3	19.3
	1234	30.0	13.5	25.3	19.3
	1304	30.0	15.4	25.3	16.5
	1334	25.9	14.3	25.2	16.5
	1404	25.9	14.3	25.2	18.0
	1434	25.8	14.3	25.2	18.2
	1504	25.7	14.3	25.2	18.0
	1534	25.7	14.2	25.2	17.9
	1604	25.7	14.0	25.2	17.9
	1634	25.7	14.1	25.2	18.0
	1704	25.6	14.0	25.2	17.9
	1734	25.6	14.1	25.2	17.7
	1804	25.6	14.1	25.2	17.7
	1834	25.5	14.1	25.2	17.6
	1904	25.5	14.2	25.2	17.3
	1934	25.4	14.1	25.2	17.1
	2004	25.5	14.3	25.2	17.1
	2034	25.5	14.5	25.2	17.2
	2104	25.5	14.5	25.2	17.1
	2134	25.5	14.5	25.2	17.1
	2204	25.5	14.6	25.2	17.0
	2234	25.5	14.6	25.2	17.0
	2304	25.5	14.5	25.2	17.1
	2334	25.5	14.6	25.2	17.0

LOCATION 2 RAPPAHANNECK RIVER SMOKEY POINT BUOY NC. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
9/ 5/74	4	25.4	14.6	25.2	17.4
	34	25.4	14.6	25.2	17.5
	104	25.3	14.7	25.2	17.6
	134	25.3	14.6	25.2	17.4
	204	25.3	14.6	25.2	17.5
	234	25.1	14.5	25.2	17.1
	304	25.2	14.6	25.2	17.0
	334	25.2	14.6	25.2	16.9
	404	25.1	14.5	25.2	16.9
	434	25.0	14.4	25.2	18.0
	504	24.8	14.3	25.2	18.1
	534	24.8	14.3	25.2	18.1
	604	24.9	14.3	25.2	18.0
	634	24.9	14.2	25.2	18.0
	704	24.8	14.1	25.2	17.9
	734	24.7	14.0	25.2	17.8
	804	24.7	14.0	25.2	17.5
	834	24.8	14.1	25.1	17.2
	904	24.8	14.0	25.0	17.0
	934	24.9	14.3	25.0	17.0
	1004	25.0	14.5	25.0	17.3
	1034	25.0	14.6	25.0	17.2
	1104	25.1	14.7	25.0	17.0
	1134	25.1	14.7	25.0	17.2
	1204	25.1	14.8	25.0	17.3
	1234	25.1	14.8	25.0	17.3
	1304	25.0	14.9	25.0	17.4
	1334	25.0	14.8	25.0	17.5
	1404	25.0	14.8	25.1	17.7
	1434	25.1	15.4	25.1	17.7
	1504	24.9	14.9	25.0	17.3
	1534	24.9	14.9	25.0	17.3
	1604	24.8	14.9	25.0	17.2
	1634	24.8	14.9	25.0	17.2
	1704	24.9	14.9	25.0	17.3
	1734	24.9	14.8	25.0	17.4
	1804	24.9	14.8	25.0	17.5
	1934	24.7	14.6	25.1	17.6
	1904	24.7	14.5	25.1	17.8
	1934	24.6	14.4	25.1	17.9
	2004	24.5	14.3	25.1	17.8
	2034	24.5	14.3	25.1	17.9
	2104	24.5	14.3	25.1	17.8
	2134	24.7	14.6	25.0	17.8
	2204	24.7	14.6	25.0	17.5
	2234	24.5	14.3	25.0	17.6
	2304	24.4	14.3	25.0	17.4
	2334	24.4	14.3	24.8	17.2

LOCATION 2 RAPPAHANNECK RIVER SMOKEY POINT BUOY NC. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
9/ 6/74	4	24.4	14.4	24.9	17.5
	34	24.5	14.6	24.9	17.4
	104	24.5	14.7	24.8	17.4
	134	24.5	14.8	24.8	17.3
	204	24.5	14.8	24.8	17.3
	234	24.4	14.8	24.8	17.4
	304	24.4	14.8	24.8	17.3
	334	24.4	14.8	24.8	17.4
	404	24.4	14.8	24.8	17.4
	434	24.5	14.8	24.8	17.4
	504	24.5	14.8	24.9	17.4
	534	24.4	14.8	25.0	17.4
	604	24.4	14.8	24.9	17.3
	634	24.5	14.9	24.9	17.2
	704	24.5	15.1	24.8	17.1
	734	24.2	14.7	24.3	16.4
	804	24.2	14.7	24.3	16.4
	834	24.2	14.6	24.9	17.5
	904	24.2	14.6	24.9	17.5
	934	24.2	14.7	24.3	16.4
	1004	24.2	14.5	25.0	17.7
	1034	24.2	14.5	25.0	17.8
	1104	24.1	14.5	25.0	17.8
	1134	24.2	14.6	24.9	17.6
	1204	24.1	14.7	24.8	17.3
	1304	24.4	15.0	24.7	17.0
	1334	24.3	14.8	24.6	16.9
	1404	24.3	15.1	24.4	16.7
	1434	24.6	15.7	23.7	15.9
	1504	24.7	15.5	23.8	15.8
	1534	24.7	15.5	24.3	16.7
	1604	24.7	15.5	24.6	17.1
	1634	24.6	15.5	24.6	17.0
	1704	24.3	15.0	24.6	17.1
	1734	24.3	15.0	24.6	17.1
	1804	24.2	14.9	24.7	17.2
	1834	24.3	15.2	24.7	17.4
	1904	24.5	15.4	24.9	17.6
	1934	24.5	15.4	24.8	17.4
	2004	24.5	15.5	24.7	17.2
	2034	24.5	15.5	24.6	17.0
	2104	24.4	15.5	24.1	16.5
	2134	24.4	15.5	24.2	16.6
	2204	24.2	15.2	24.7	17.3
	2234	24.2	15.0	24.5	17.3
	2304	24.0	14.9	24.5	17.1
	2334	24.0	14.8	24.6	17.3

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
9/ 7/74	4	24.3	15.2	24.3	16.9
	34	24.1	14.8	24.2	16.8
	104	24.1	15.0	23.9	16.6
	134	24.0	15.0	24.0	16.4
	204	24.0	15.0	23.8	16.4
	234	24.0	15.1	23.8	16.2
	304	24.0	15.2	24.2	16.7
	334	24.0	15.2	24.4	17.1
	404	24.0	15.2	24.4	17.1
	434	24.0	15.2	24.2	16.9
	504	24.0	15.2	24.2	16.9
	534	24.0	15.2	24.4	17.1
	604	24.0	15.3	24.1	16.7
	634	24.0	15.2	24.1	16.6
	704	23.9	15.3	24.4	17.2
	734	24.0	15.3	24.4	17.1
	804	24.1	15.5	24.4	17.0
	834	24.2	15.6	24.3	17.0
	904	24.2	15.6	24.2	16.8
	934	24.0	15.5	24.1	16.8
	1004	24.0	15.4	23.9	16.6
	1034	23.7	15.0	23.8	16.4
	1104	23.9	15.4	23.7	16.2
	1134	24.1	15.6	23.5	16.1
	1204	23.7	15.3	23.5	16.0
	1234	23.6	15.0	23.5	15.7
	1304	23.5	14.8	23.4	15.6
	1334	23.3	14.6	23.3	15.7
	1404	23.2	14.4	23.4	15.9
	1434	23.3	14.4	23.3	15.5
	1504	23.4	14.6	23.1	15.3
	1534	23.3	14.5	22.9	15.1
	1604	23.4	14.7	22.9	15.2
	1634	23.5	15.0	23.1	15.4
	1704	23.7	15.2	23.1	15.5
	1734	23.7	15.2	23.1	15.4
	1804	23.7	15.3	23.1	15.4
	1834	23.7	15.3	23.1	15.4
	1904	23.7	15.3	23.2	15.6
	1934	37.3	1.3	33.8	7.5
	2004	23.6	15.1	23.5	16.2
	2034	23.5	15.2	23.5	16.3
	2104	23.6	15.2	23.6	16.3
	2134	23.7	15.2	23.7	16.5
	2204	23.6	15.1	24.0	16.7
	2234	23.5	15.0	23.9	16.6
	2304	23.4	14.9	23.7	16.4
	2334	23.5	15.0	23.6	16.3

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
9/ 8/74	4	23.2	15.0	23.7	16.4
	34	23.3	14.9	23.6	16.3
	104	23.1	14.4	23.5	16.2
	134	23.1	14.4	23.4	16.1
	204	23.1	14.3	23.4	16.1
	234	23.0	14.2	23.4	16.2
	304	23.0	14.2	23.3	16.1
	334	23.0	14.2	23.2	16.0
	404	22.9	14.2	23.2	15.9
	434	23.0	14.4	23.2	15.9
	504	22.8	14.1	23.5	16.3
	534	22.9	14.3	23.5	16.4
	604	23.0	14.5	23.6	16.3
	634	23.0	14.6	23.5	16.3
	704	23.1	14.6	23.7	16.5
	734	22.9	14.5	23.8	16.6
	804	22.8	14.3	23.8	16.6
	834	22.9	14.3	23.7	16.6
	904	22.9	14.4	23.8	16.5
	934	22.7	14.3	24.0	16.8
	1004	22.9	14.3	23.9	16.8
	1034	22.7	14.4	23.5	16.3
	1104	22.8	14.4	23.5	16.2
	1134	22.9	14.3	23.7	16.1
	1204	22.9	14.4	23.5	16.3
	1234	22.8	13.8	23.3	16.1
	1304	22.8	13.7	23.3	16.1
	1334	22.9	13.7	23.0	15.8
	1404	22.9	13.7	23.3	16.3
	1434	22.9	13.7	23.3	16.2
	1504	22.9	13.8	22.9	15.9
	1534	23.0	14.1	23.2	15.9
	1604	22.9	13.8	23.2	16.0
	1634	22.8	13.8	23.3	16.0
	1704	22.9	13.9	23.4	16.1
	1734	23.0	13.9	23.3	16.1
	1804	22.9	14.1	23.2	16.0
	1834	22.9	14.1	23.1	16.0
	1904	22.9	14.2	23.1	16.0
	1934	23.1	14.6	23.1	16.0
	2004	23.0	14.1	23.1	16.0
	2034	23.1	13.7	23.1	16.2
	2104	23.0	13.9	23.4	15.9
	2134	23.1	14.6	23.5	16.1
	2204	22.9	14.4	23.6	16.1
	2234	22.8	13.9	23.5	16.0
	2304	22.8	13.8	23.5	16.0
	2334	22.8	14.1	23.5	16.0

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
9/ 9/74	4	23.0	14.1	23.3	15.9
	34	23.0	13.8	23.1	15.8
	104	22.9	13.5	23.0	15.6
	134	22.9	13.6	23.0	15.5
	204	22.8	13.1	23.0	15.5
	234	22.8	13.2	22.9	15.4
	304	22.8	13.2	22.9	15.3
	334	22.9	13.3	23.0	15.4
	404	23.1	13.8	23.0	15.5
	434	23.2	14.1	23.0	15.5
	504	23.0	13.6	23.0	15.5
	534	23.1	14.0	23.0	15.6
	604	23.3	14.2	23.1	15.6
	634	23.2	14.2	23.1	15.6
	704	23.2	14.1	23.1	15.7
	734	23.1	14.0	23.1	15.7
	804	23.1	14.1	23.1	16.0
	834	22.8	13.5	23.3	16.2
	904	22.5	13.3	23.5	16.4
	934	22.5	13.3	23.5	16.4
	1004	22.8	13.8	23.6	16.5
	1034	23.1	14.2	23.6	16.1
	1104	22.8	13.5	23.6	16.5
	1134	22.7	12.9	23.5	16.3
	1204	22.8	12.7	23.3	16.1
	1234	22.9	12.7	23.3	16.1
	1304	22.9	12.6	23.3	16.1
	1334	22.6	12.5	23.3	16.1
	1404	22.9	12.7	23.2	16.1
	1434	22.8	13.2	23.3	16.1
	1504	23.2	13.7	23.3	16.1
	1534	23.4	14.2	23.3	15.8
	1604	23.1	14.0	23.2	15.8
	1634	23.4	14.3	23.2	15.8
	1704	23.3	14.2	23.2	15.7
	1734	23.5	14.3	23.2	15.8
	1804	23.3	13.6	23.2	15.8
	1834	23.2	13.5	23.2	15.7
	1904	23.2	13.6	23.2	15.8
	1934	23.0	13.5	23.2	16.0
	2004	22.9	13.6	23.2	16.0
	2034	23.2	13.6	23.2	16.0
	2104	23.5	13.2	23.2	15.8
	2134	23.1	13.8	23.2	15.7
	2204	23.5	13.9	23.2	15.7
	2234	23.5	14.1	23.3	15.8
	2304	23.7	14.7	23.5	15.9
	2334	23.6	14.1	23.6	16.0

LOCATION 2 RAPPAHANNOCK RIVER SMOKEY POINT BUOY NO. 9

LATITUDE 37.43.14N, LONGITUDE 76.34.53W

TEMP. IN DEGREES OF CENTIGRADE, SALINITY IN PPT

DATE	TIME	TOP		BOTTOM	
		TEMP	SALINITY	TEMP	SALINITY
9/10/74	4	23.7	14.0	23.5	15.9
	34	24.2	14.3	23.3	15.7
	104	24.0	13.8	23.3	15.6
	134	23.8	13.6	23.4	15.8
	204	23.5	13.5	23.5	15.9
	234	24.0	13.9	23.6	15.9
	304	23.9	13.8	23.5	15.9
	334	24.0	13.6	23.6	15.9
	404	24.2	13.1	23.5	15.9
	434	24.5	13.4	23.4	15.8
	504	24.3	13.2	23.3	15.5
	534	23.9	12.7	23.3	15.6
	604	23.9	14.1	23.3	15.6
	634	23.9	14.3	23.3	15.6
	704	23.9	14.2	23.3	15.7
	734	24.0	14.0	23.3	15.6
	804	23.8	13.9	23.3	15.9
	834	24.0	13.6	23.3	15.9
	904	23.9	13.8	23.3	15.9
	934	23.6	13.5	23.3	15.9
	1004	23.5	13.6	23.3	16.0
	1034	23.7	13.5	23.3	16.0
	1104	23.4	12.9	23.4	16.1
	1134	23.8	14.0	23.5	16.2
	1204	23.5	13.4	23.5	16.2
	1234	23.5	13.5	23.4	16.0
	1304	23.5	12.8	23.3	15.8
	1334	23.7	12.8	23.3	15.7
	1404	23.7	12.4	23.2	15.6
	1434	23.9	11.9	23.2	15.6
	1504	24.1	11.7	23.3	15.7
	1534	23.9	12.5	23.3	15.9
	1604	23.9	12.5	23.3	15.7
	1634	23.9	12.5	23.2	15.7
	1704	23.9	13.0	23.3	15.8
	1734	23.9	13.6	23.3	15.8
	1804	23.9	13.7	23.3	15.7
	1834	24.0	13.2	23.2	15.6
	1904	23.9	13.3	23.3	15.7
	1934	24.0	13.1	23.3	15.7
	2004	24.1	13.3	23.2	15.6
	2034	24.1	13.2	23.2	15.7
	2104	24.6	12.8	23.2	15.7
	2134	24.9	12.7	23.3	15.9
	2204	24.6	12.8	23.3	15.9
	2234	24.1	13.5	23.4	16.0
	2304	24.1	13.5	23.4	16.0
	2334	24.2	13.6	23.5	16.1

APPENDIX C
Supplemental Data

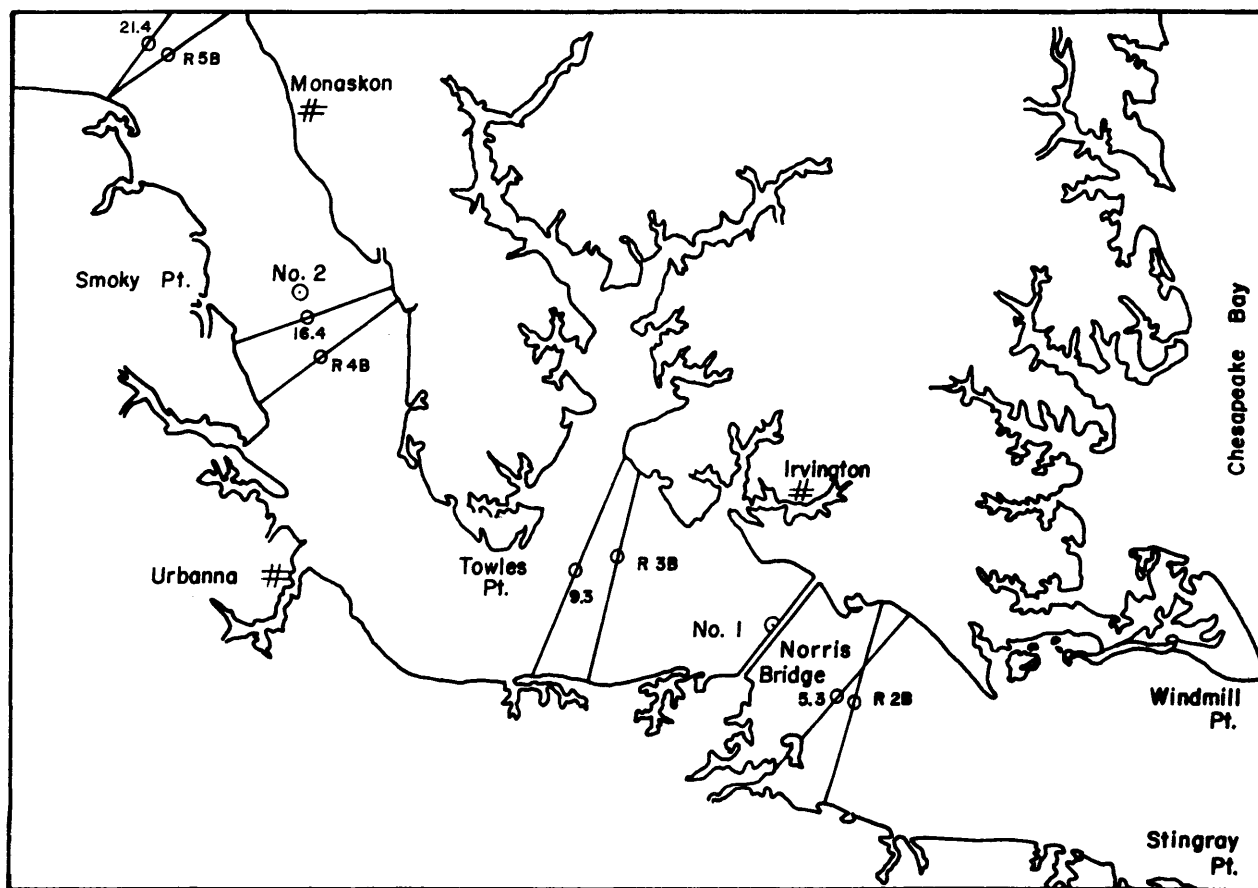


Figure 8. Locations of supplemental data stations on Rappahannock River, Virginia.

Rappahannock River
Slack Water Run
Norris Bridge
Station 5.3 and 9.3
Temp. in °C - Sal. in ppt.

Date	Time	Depth (M)	Station 5.3		Time	Depth (M)	Station 9.3	
			Temp.	Sal.			Temp.	Sal.
28 XI 72	13.0	2.0	9.57	13.36	13.3	2.0	9.64	12.85
		14/16	9.95	15.79		8.0/10.0	9.66	14.82
31 V 73	11.0	2.0	20.10	11.85	11.6	2.0	20.00	10.70
		10.0/12.0	19.50	12.91		10.0/12	18.50	13.29
19 I 73	10.8	2.0	4.97	9.60	11.2	2.0	5.43	10.54
		18.0/20.0	4.11	11.15		8.0/10.0	4.24	11.49
1 II 73	11.3	2.0	3.94	11.66	11.5	2.0	4.44	11.05
		16.0/18.0	4.03	12.71		8.0/10.0	4.73	12.02
14 III 73	9.0	2.0	8.03	10.23	9.4	2.0	8.15	9.82
		10.0/12.0	7.54	11.20		8.0/10	7.26	10.62
8 VIII 73	7.2	2.0	28.9	13.89	7.8	2.0	29.0	13.53
		12.0/14.0	28.7	14.44		20.0/22.0	28.3	15.52
14 VIII 73	12.1	2.0	28.2	14.21	12.6	2.0	28.0	13.36
		14.0/16.0	26.8	16.85		12.0/14.0	27.0	15.63
26 IX 73	6.4	2.0	23.6	15.29	7.2	2.0	23.50	14.56
		18.0/20.0	24.2	16.36		16.0/18.0	23.80	15.72

Rapphannock River
(continued)
Slack Water Run
Norris Bridge
Station 5.3 and 9.3
Temp. in °C - Sal. in ppt.

Date	Time	Depth (M)	Station 5.3		Time	Depth (M)	Station 9.3	
			Temp.	Sal.			Temp.	Sal.
26 III 74	8.6	2 12/14	8.79 8.85			2 20/22	8.85 8.79	
26 IV 74	9.9	2 16/18	14.05 14.10	12.40 12.91	10.6	2 6/7	13.91 13.78	11.90 11.93
30 V 74	8.4	2 18/20	20.28 19.40	12.48 15.00	9.0	2 12/13	20.35 19.82	12.41 13.89
9 VII 74	9.7	2 10/12	25.89 23.43	14.07 16.80	10.1	2 8/10	25.79 23.49	13.01 16.73
18 VIII 74	7.9	2.0 16/18	23.79 24.02	15.66(0.0)	8.2	2 14/16	23.93 24.15	15.29(00)
18 X 74	9.1	2 16/18	17.94 18.15	16.50(0.0)	9.5	2 18/20	17.91 18.31	16.18(00)
4 XI 74	8.9	2 22/24	16.60 15.96	16.80(00)	9.2	2 12/14	16.47 15.82	16.65(00)
10 XII 74	10.0	2 16/18	6.80 7.30		10.4	2 10/12	6.79 7.64	

Rappahannock River
Slack Water Run
Smokey Point
Station 16.4 and 21.5
Temp. in °C - Sal. in ppt.

Date	Time	Depth (M)	Station 16.4		Time	Depth (M)	Station 21.5	
			Temp.	Sal.			Temp.	Sal.
26 IX 72	10.3	2.0	23.84	11.72	10.5	2.0	23.36	10.23
		6.0/8.0	23.92	11.82		6.0/8.0	23.22	10.33
11 X 72	9.5	2.0	17.57	10.50	10.0	2.0	17.45	9.63
		8.0/10.0	19.22	12.64		6.0/8.0	19.29	12.18
28 XI 72	13.7	2.0	9.95	9.85				
		6.0/8.0	10.13	10.13				
19 I 73	11.5	2.0	5.29	10.58				
		10.0/12	4.21	12.07				
31 V 73	12.1	2.0	21.20	8.84	12.6	2.0	21.20	7.29
		8.0/10.0	19.10	12.73		8.0/10.0	18.80	11.69
1 II 73	11.9	2.0	4.29	9.57	12.4	2.0	4.10	7.60
		6.0/8.0	4.74	10.36		6.0/8.0	4.79	9.66
14 III 73	9.7	2.0	8.44	9.01	10.1	2.0	9.68	7.30
		10.0/12.0	6.09	11.43		8.0/10.0	6.35	9.98

Rappahannock River
(continued)
Slack Water Run
Smokey Point
Station 16.4 and 21.5
Temp. in °C - Sal. in ppt.

Date	Time	Depth (M)	Station 16.4		Time	Depth (M)	Station 21.5	
			Temp.	Sal.			Temp.	Sal.
23 VII 73	6.9	0.0 9.0/9.0	26.4 25.7	10.95 13.91			Comment: Station 18.5	
24 VII 73	7.2	0.0 9.0/9.0	25.8 25.9	11.35 13.31			Comment: Station 18.5	
24 VII 73	15.0	0.0 7.5/8.0	27.3 26.0	10.75 13.12			Station 18.5	
25 VII 73	8.1	0.0 9.0/9.0	25.85 26.0	10.92 12.71			Station 18.5	
26 VII 73	9.5	0.0 8.0/8.0	25.97 26.03	11.51 12.17			Station 18.5	
27 VII 73	10.0	0.0 9.0/9.0	26.2 25.9	11.63 12.13			Station 18.5	
28 VII 73	11.2	0.0 9.0/9.0	27.5 26.0	11.31 12.85			Station 18.5	
29 VII 73	12.5	0.0 9.0/9.0	28.40 25.75	11.28 14.27			Station 18.5	

Rappahannock River
Slack Water Run
Smokey Point
Station 16.4 and 21.5
Temp. in °C - Sal. in ppt.

Date	Time	Depth (M)	Station 16.4		Time	Depth (M)	Station 21.5	
			Temp.	Sal.			Temp.	Sal.
30 VII 73	13.6	0.0 8.0/8.0	28.63 25.85	11.52 12.99			Station 18.5	
1 VIII 73	9.8	0.0 10.0/10.0	29.8 29.1	11.95 12.99			Station 18.5	
6 VIII 73	14.2	0.0 8.0/8.0	29.9 26.5	10.24 14.19			Station 18.5	
8 VIII 74	8.3	2.0 8.0/11.0	28.8 28.4	12.41 14.41	8.7	2.0 6.0/8.5	29.2 28.6	11.22 13.26
14 VIII 73	13.1	2.0 10.0/12.0	28.1 26.6		13.6	2.0 6.0/9.0	28.1 26.9	11.53 12.47
26 IX 73	7.7	2.0 10/12	23.65 24.15	13.95 14.94	8.1	2 6/9	23.30 23.30	12.75 13.13
30 X 73	12.1	2 8/10	17.70 17.8	15.80 15.79	13.0	2 4/4	17.3 17.1	14.5 14.5
26 III 74	9.6	2 12/14	8.38 8.96		10.2	2 8/10	8.44 8.85	

Rappahannock River
(continued)
Slack Water Run
Smokey Point
Station 16.4 and 21.5
Temp. in °C - Sal. in ppt.

Date	Time	Depth (M)	Station 16.4		Time	Depth (M)	Station 21.5	
			Temp.	Sal.			Temp.	Sal.
21 VI 74	9.0	2 12.0/13	24.31 22.50	10.73 (0.0)	9.5	2.0 8/11	24.75 23.11	9.15 (00)
9 VII 74	10.5	2 10/11	25.56 23.17	12.50 16.78	11.0	2 6/7	26.94 23.14	10.45 14.44
18 IX 74	8.7	2.0 12/13	23.90 24.34	15.03 (0.0)	9.1	2.0 6/8	23.80 24.28	12.81 (00)
18 X 74	10.0	2.0 14/16	17.99 18.24	15.63 (0.0)	10.5	2 16/18	18.01 18.10	14.08 (00)
4 XI 74	9.7	2.0 6/8	16.74 15.97	15.88 (00)	10.1	2 8/10	16.76 15.72	14.87 (00)
10 XII 74	10.7	2.0 10/12	6.56 7.42		11.0	2 8/10	6.28 7.52	

Rappahannock River Survey

July 1973

Station R2B

Date	Time	Depth (m)	Temperature (°C)	Salinity (ppt)
29 VII 73	6.2	0.0	26.37	13.17
		12.0	26.01	14.56
	7.1	0.0	26.37	13.25
		12.0	26.14	14.57
	8.1	0.0	26.39	13.22
		12.0	26.10	14.61
	9.2	0.0	26.60	13.34
		12.0	25.5	16.04
	10.0	0.0	26.9	13.40
		12.0	25.8	15.86
	11.0	0.0	26.9	13.42
		12.0	26.0	15.31
	12.0	0.0	28.2	13.43
		12.0	25.9	15.30
	13.0	0.0	27.7	13.38
		12.0	25.9	15.26
	14.0	0.0	27.4	13.58
		12.0	25.8	16.03
	15.0	0.0	27.9	13.51
		12.0	25.8	14.31
	16.0	0.0	28.6	13.39
		12.0	25.8	16.14
	17.0	0.0	27.4	13.28
		12.0	25.7	14.80

Rappahannock River Survey

July 1973

Station R2B

Date	Time	Depth (m)	Temperature (°C)	Salinity (ppt)
30 VII 73	5.1	0.0	27.1	13.52
		12.0	26.2	16.16
	6.1	0.0	26.8	13.09
		12.0	26.2	15.00
	7.0	0.0	27.2	13.09
		12.0	26.0	15.73
	8.1	0.0	27.1	12.98
		12.0	26.3	15.05
	9.1	0.0	27.3	13.12
		12.0	26.2	15.29
	10.1	0.0	27.3	13.31
		12.0	26.0	15.92
	11.1	0.0	27.2	13.72
		12.0	26.1	15.56
	12.1	0.0	27.4	13.71
		12.0	26.3	15.22
	13.0	0.0	27.4	13.65
		12.0	26.3	14.21
	14.0	0.0	27.9	13.60
		12.0	26.3	15.19
	15.0	0.0	27.6	13.48
		12.0	26.0	15.83
	16.0	0.0	27.7	13.46
		12.0	26.0	15.70
	17.0	0.0	27.6	13.46
		12.0	26.0	15.19
	18.1	0.0	28.65	13.39
		9.5	26.75	15.49
	19.1	0.0	28.39	13.52
		9.0	26.98	15.15
	20.1	0.0	28.92	13.01
		9.0	27.03	15.14
	21.1	0.0	28.45	13.37
		9.0	26.98	15.20
	22.1	0.0	28.33	13.51
		9.0	26.94	15.29
	23.1	0.0	28.09	13.73
		9.0	26.91	15.52

Rappahannock River Survey

July 1973

Station R2B

Date	Time	Depth (m)	Temperature (°C)	Salinity (ppt)
31 VII 73	0.1	0.0	28.13	13.70
		9.0	26.92	15.45
	1.1	0.0	27.95	13.77
		9.0	27.13	15.27
	2.1	0.0	28.16	13.64
		9.0	27.82	14.91
	3.1	0.0	28.00	13.75
		9.0	27.00	15.85
	4.1	0.0	28.07	13.63
		9.0	26.85	15.70
	5.1	0.0	27.78	13.73
		9.0	27.07	15.24
	6.0	0.0	27.77	14.00
		9.0	27.05	15.41
	7.1	0.0	27.96	13.31
		12.0	27.07	15.21
	9.0	0.0	28.23	13.31
		12.0	27.05	15.24
	10.1	0.0	29.40	13.24
		12.0	27.16	15.13
	11.1	0.0	29.09	13.30
		12.0	27.24	15.32
	12.1	0.0	28.96	13.77
		12.0	27.26	15.36
	13.1	0.0	28.83	13.88
		12.0	27.35	15.29
	14.1	0.0	28.90	13.76
		12.0	27.83	14.49
	15.1	0.0	28.73	13.95
		12.0	27.38	14.93
	16.1	0.0	28.80	13.72
		12.0	27.20	15.17
	17.0	0.0	28.91	13.65
		12.0	27.40	15.11

Rappahannock River Survey

July 1973

Station R3B

Date	Time	Depth (m)	Temperature (°C)	Salinity (ppt)
29 VII 73	5.5	0.0	26.01	13.40
		7.0	25.83	15.10
	6.4	0.0	25.90	13.37
		7.0	25.86	14.98
	7.1	0.0	25.93	13.27
		7.0	25.80	15.12
	8.2	0.0	26.30	13.02
		7.0	26.07	14.34
	9.2	0.0	26.5	-
		7.0	26.0	-
	10.1	0.0	26.7	13.01
		8.0	26.2	14.40
	11.1	0.0	27.1	13.04
		8.0	25.9	14.70
	12.1	0.0	27.3	13.07
		8.0	25.9	14.35
	13.1	0.0	27.8	-
		7.0	25.9	14.0
	14.2	0.0	27.4	13.13
		7.0	25.9	13.12
	15.1	0.0	28.1	12.99
		7.0	26.1	13.63
	16.1	0.0	28.2	13.02
		8.0	25.9	14.07
	17.2	0.0	27.4	13.10
		8.0	25.9	14.33
	18.2	0.0	27.2	13.19
		8.0	24.9	14.61

Rappahannock River Survey

July 1973

Station R3B

Date	Time	Depth (m)	Temperature (°C)	Salinity (ppt)
30 VII 73	5.1	0.0	26.5	13.18
		8.0	25.8	13.71
	6.2	0.0	26.4	13.39
		8.0	25.9	14.29
	7.1	0.0	26.3	13.68
		8.0	25.9	13.91
	8.1	0.0	27.0	13.22
		8.0	26.3	13.66
	9.1	0.0	28.1	12.66
		8.0	27.0	13.15
	10.1	0.0	28.1	12.85
		8.0	26.9	13.66
	11.2	0.0	28.4	13.06
		8.0	26.3	14.56
	12.2	0.0	28.1	12.93
		8.0	26.3	14.32
	13.2	0.0	27.6	12.95
		8.0	26.2	14.81
	14.1	0.0	28.0	12.95
		8.0	26.2	14.56
	15.3	0.0	28.5	12.72
		8.0	26.4	14.26
	16.1	0.0	28.1	12.78
		8.0	26.2	14.12
	17.2	0.0	28.0	12.79
		8.0	26.2	14.88
	19.1	0.0	27.53	12.32
		8.0	25.97	14.83
	20.2	0.0	27.42	11.73
		8.0	25.98	14.40
	21.2	0.0	27.23	12.77
		8.0	26.44	13.97
	22.2	0.0	27.20	12.32
		8.0	26.16	14.20
	23.2	0.0	27.17	12.92
		8.0	26.20	14.55

Rappahannock River Survey

July 1973

Station R3B

Date	Time	Depth (m)	Temperature (°C)	Salinity (ppt)
30 VII 73	00.1	0.0	27.14	12.86
		8.0	26.10	14.72
	1.1	0.0	27.20	13.19
		8.0	26.11	14.75
	2.1	0.0	27.02	13.11
		8.0	26.54	14.31
	3.1	0.0	26.84	12.95
		8.0	26.52	14.33
	4.1	0.0	26.62	13.11
		8.0	26.78	14.00
	5.2	0.0	26.60	13.51
		8.0	26.00	14.94
	6.1	0.0	26.70	12.62
		8.0	25.94	14.16
	8.3	0.0	27.06	12.71
		8.0	26.09	14.73
	9.1	0.0	28.2	13.95
		9.0	26.7	14.75
	10.1	0.0	28.1	12.75
		8.0	26.5	14.26
	11.2	0.0	28.2	12.56
		8.0	26.8	14.26
	12.2	0.0	28.4	13.80
		8.0	26.4	14.51
	13.1	0.0	28.9	12.77
		8.0	25.9	14.62
	14.1	0.0	28.3	13.09
		8.0	26.4	14.61
	15.2	0.0	28.0	13.40
		8.0	26.4	14.54
	16.2	0.0	27.8	13.49
		7.0	26.5	14.23
	17.0	0.0	27.9	13.25
		8.0	26.4	14.31

Rappahannock River Survey

July 1973

Station R4B

Date	Time	Depth (m)	Temperature (°C)	Salinity (ppt)
24 VII 73	5.4	0.0	27.8	12.01
		10.0	27.5	14.77
	6.3	0.0	26.5	12.05
		10.0	25.9	14.49
	7.2	0.0	26.7	11.93
		10.0	25.7	14.81
	8.1	0.0	26.8	11.89
		10.0	26.4	14.44
	9.0	0.0	26.6	11.95
		10.0	25.8	14.48
	10.1	0.0	27.4	11.67
		10.0	25.9	14.08
	11.1	0.0	27.4	11.56
		10.0	26.0	13.25
	12.1	0.0	27.5	11.49
		10.0	26.0	14.03
	13.0	0.0	26.4	11.37
		10.0	26.1	12.53
	14.0	0.0	28.0	11.32
		10.0	26.0	11.85
	15.2	0.0	27.8	11.49
		10.0	26.1	11.85
	16.0	0.0	27.6	11.65
		10.0	25.8	13.43
	17.0	0.0	27.6	11.83
		10.0	25.6	14.22
	18.1	0.0	27.1	11.62
		10.0	25.6	12.35

Rappahannock River Survey

July 1973

Station R4B

Date	Time	Depth (m)	Temperature (°C)	Salinity (ppt)
25 VII 73	5.2	0.0	26.6	11.67
		10.0	25.9	13.25
	6.1	0.0	26.5	11.69
		10.0	25.8	14.18
	7.1	0.0	26.5	11.75
		10.0	25.7	14.62
	8.1	0.0	26.7	11.75
		10.0	25.9	13.71
	9.1	0.0	26.7	11.53
		10.0	25.8	13.46
	10.1	0.0	26.9	11.54
		10.0	25.8	13.96
	11.2	0.0	26.9	11.56
		10.0	25.9	13.88
	12.1	0.0	27.7	11.33
		10.0	25.9	13.27
	13.1	0.0	27.5	11.24
		10.0	26.0	14.10
	14.1	0.0	26.9	11.06
		10.0	26.0	13.86
	15.1	0.0	26.9	11.17
		10.0	25.9	13.94
	21.2	0.0	26.4	12.03
		10.0	25.8	15.84
	22.3	1.0	26.3	11.93
		10.0	25.9	14.56
	23.0	0.0	26.3	11.92
		10.0	25.8	14.83

Rappahannock River Survey

July 1973

Station R4B

Date	Time	Depth (m)	Temperature (°C)	Salinity (ppt)
26 VII 73	00.2	0.0	26.3	11.99
		10.0	26.0	15.49
	1.1	1.0	26.5	12.00
		10.0	26.0	14.23
	2.1	0.0	26.6	12.09
		10.0	25.9	14.94
	3.1	1.0	26.4	12.12
		10.0	26.0	14.89
	4.2	1.0	26.4	11.49
		10.0	26.0	14.44
	5.0	0.0	26.3	11.65
		10.0	26.1	12.88
	6.1	0.0	26.0	11.78
		10.0	25.9	12.55
	7.1	0.0	26.1	11.93
		10.0	25.7	13.96
	8.1	0.0	26.1	12.04
		10.0	25.7	12.02
	9.2	0.0	26.1	12.10
		10.0	25.6	12.12
	10.1	0.0	26.0	12.07
		10.0	25.6	12.43
	11.1	0.0	26.5	12.02
		10.0	26.0	12.55
	12.1	0.0	26.6	11.88
		10.0	26.0	13.78
	13.5	0.0	26.6	11.53
		10.0	26.0	12.40
	14.1	0.0	26.7	11.53
		10.0	26.1	13.32
	15.1	0.0	26.7	11.52
		10.0	25.9	13.66
	16.1	0.0	26.7	11.41
		10.0	26.0	13.77
	17.1	0.0	26.8	11.55
		10.0	26.0	12.58

Rappahannock River Survey

July 1973

Station R5B

Date	Time	Depth (m)	Temperature (°C)	Salinity (ppt)
24 VII 73	5.3	0.0	25.0	10.00
		9.0	25.85	13.59
	7.3	0.0	25.70	10.98
		9.0	25.70	14.44
	8.0	0.0	25.73	10.97
		9.0	25.78	14.43
	9.1	0.0	27.00	11.34
		9.0	26.52	13.71
	10.1	0.0	27.50	10.87
		9.0	26.58	13.72
	11.1	0.0	27.60	9.55
		9.0	26.50	13.44
	12.1	0.0	28.60	10.00
		9.0	26.70	12.85
	13.1	0.0	27.60	10.09
		9.0	26.50	13.73
	14.1	0.0	28.50	10.12
		9.0	26.55	13.83
	15.1	0.0	28.70	9.96
		9.0	26.50	12.63
	16.1	0.0	27.60	9.91
		9.0	26.23	14.07
	17.1	0.0	26.95	9.98
		9.0	26.00	13.78
	18.0	0.0	27.20	10.32
		9.0	25.80	14.22

Rappahannock River Survey

July 1973

Station R5B

Date	Time	Depth (m)	Temperature (°C)	Salinity (ppt)
25 VII 73	5.3	0.0	25.85	10.06
		9.0	26.10	12.36
	6.1	0.0	25.65	10.00
		9.0	26.02	11.78
	7.1	0.0	25.75	10.42
		9.0	25.93	12.75
	8.1	0.0	26.53	10.11
		9.0	26.23	12.92
	9.1	0.0	26.75	10.38
		9.0	26.29	14.02
	10.5	0.0	27.00	10.49
		9.0	26.55	13.05
	11.1	0.0	27.35	10.53
		9.0	26.65	12.44
	12.1	0.0	27.05	9.79
		9.0	26.55	12.17
	13.2	0.0	27.60	9.72
		9.0	26.69	13.06
	14.1	0.0	27.43	9.87
		9.0	26.48	11.31
	16.2	0.0	27.49	9.97
		9.0	26.50	12.20
	17.1	0.0	27.65	9.84
		9.0	26.37	12.50
	18.1	0.0	26.9	10.26
		9.0	26.2	13.76
	19.1	0.0	26.4	10.88
		9.0	26.0	13.94
	20.1	0.0	26.1	11.02
		9.0	25.8	14.03
	21.1	0.0	26.0	11.11
		9.0	25.7	13.91
	22.1	0.0	25.9	11.12
		9.0	25.7	13.26
	23.0	0.0	25.8	11.08
		9.0	25.7	12.60

Rappahannock River Survey

July 1973

Station R5B

Date	Time	Depth (m)	Temperature (°C)	Salinity (ppt)
26 VII 73	0.1	0.0	26.0	10.22
		9.0	25.8	12.06
	1.1	0.0	26.2	10.31
		9.0	26.0	10.86
	2.1	0.0	26.0	10.24
		9.0	25.9	11.13
	3.1	0.0	25.7	9.95
		8.0	25.8	10.93
	4.1	0.0	25.6	10.34
		9.0	25.8	11.47
	5.1	0.0	25.6	10.42
		8.0	25.8	12.53
	6.1	0.0	25.3	10.51
		8.0	25.8	11.16
	7.1	0.0	25.7	10.47
		9.0	25.8	11.94
	8.1	0.0	25.73	10.53
		9.0	25.87	13.13
	9.2	0.0	26.01	10.65
		9.0	25.98	13.25
	10.2	0.0	26.21	10.72
		9.0	26.05	13.47
	11.1	0.0	26.55	10.77
		9.0	26.50	11.92
	12.1	0.0	26.68	10.67
		9.0	26.58	11.82
	13.2	0.0	26.75	10.68
		9.0	26.45	11.22
	14.1	0.0	26.71	10.45
		9.0	26.40	11.72
	15.1	0.0	26.80	10.16
		9.0	26.40	12.63
	16.1	0.0	27.3	10.17
		9.0	26.5	14.87
	17.1	0.0	27.1	10.04
		9.0	26.5	13.86

Rappahannock River

Grab Samples

1974

Date	Depth	Bridge		Tower	
		Temperature °C	Salinity ppt	Temperature °C	Salinity ppt
9 VII 74	Top	26.1	12.86	27.0	11.14
	Bottom	24.0	15.49	24.6	14.74
11 IX 74	Top	23.0	15.791	23.0	14.027
	Bottom	23.0	16.591	23.5	15.890
18 IX 74	Top	23.0	15.505		
	Bottom	23.0	15.720		
23 IX 74	Top	21.0	15.657		
	Bottom	19.5	15.664		
2 X 74	Top	19.8	15.894		
	Bottom	19.0	15.869		